)ete	ermine which choice is not an equival	ent equat	tion.	Answer
1)	Which expression is not equal to	2)	Which expression is not equal to	
	$3 \times (10 \times 2)$		$(2 \times 9) \times 4$	1.
	A. $(3 \times 10) \times 2$		A. $2 + (9 \times 4)$	
	<b>B.</b> $40 \times 2$		B. $2 \times (9 \times 4)$	2.
	C. $30 \times 2$		C. 18 × 4	
	D. 3 × 20		D. 2 × 36	3
3)	Which expression is not equal to	4)	Which expression is not equal to	4.
	$(2 \times 8) \times 5$		$(5 \times 7) \times 8$	
	A. 16 × 5		A. $5 \times 49$	5
	<b>B.</b> $2 \times 40$		B. $5 \times (7 \times 8)$	5
	C. 24 × 5		C. $35 \times 8$	
	D. $2 \times (8 \times 5)$		D. 5 × 56	6
5)	Which expression is not equal to	6)	Which expression is not equal to	7
	$7 \times (8 \times 3)$		$(8 \times 3) \times 7$	
	A. $(7 \times 8) \times 3$		A. $24 \times 7$	8
	B. 64 × 3		B. $8 \times (3 \times 7)$	
	C. 7 × 24		C. 8 × 21	9.
	D. 56 × 3		D. 8 × 24	
7)	Which expression is not equal to	8)	Which expression is not equal to	10
	$9 \times (7 \times 6)$		$(7 \times 2) \times 5$	11.
	A. 9 × 35		A. $7 \times 10$	
	B. $63 \times 6$		B. $14 \times 5$	12.
	C. $(9 \times 7) \times 6$		C. $7 \times (2 \times 5)$	
	D. 9 × 42		D. 7 × 8	
9)	Which expression is not equal to	10)	Which expression is not equal to	
	$(6 \times 5) \times 10$		$9 \times (2 \times 10)$	
	A. $30 \times 10$		A. $(9 \times 2) \times 10$	
	B. $6 + (5 \times 10)$		B. 9 × 18	
	C. $6 \times (5 \times 10)$		C. $9 \times 20$	
	D. 6 × 50		D. 18 × 10	
1)	Which expression is not equal to $2 \times (8 \times 5)$	12)	Which expression is not equal to $(10 \times 8) \times 7$	
	$A. 16 \times 5$		$(10 \times 8) \times 7$ $A. 10 \times 56$	
	$\mathbf{B}.\ 2\times40$		$\mathbf{B}.\ 88\times7$	
	$\begin{array}{c} \text{B. } 2 \times 40 \\ \text{C. } 24 \times 5 \end{array}$		<b>b.</b> $80 \times 7$ <b>C.</b> $80 \times 7$	
	D. $(2 \times 8) \times 5$		D. $10 \times (8 \times 7)$	
	Math		<b>1</b> 1-10 92 83 75 67	58 50 42 33 25

	Finding Associa		1	er Key
	ermine which choice is not an equival	_		Answers
I)	Which expression is not equal to $3 \times (10 \times 2)$	2)	Which expression is not equal to $(2 \times 0) \times 4$	1 <b>B</b>
			$(2 \times 9) \times 4$	1. <b>D</b>
	A. $(3 \times 10) \times 2$ B. $40 \times 2$		A. $2 + (9 \times 4)$ B. $2 \times (9 \times 4)$	
	$\begin{array}{c} \text{B. } 40 \times 2 \\ \text{C. } 30 \times 2 \end{array}$		<b>b.</b> $2 \times (9 \times 4)$ <b>c.</b> $18 \times 4$	2. <u>A</u>
	D. $3 \times 20$		D. $2 \times 36$	3. <u>C</u>
3)	Which expression is not equal to	4)	Which expression is not equal to	4. <b>A</b>
	$(2 \times 8) \times 5$		$(5 \times 7) \times 8$	
	A. $16 \times 5$		A. $5 \times 49$	5. <b>B</b>
	B. $2 \times 40$		B. $5 \times (7 \times 8)$	J
	C. $24 \times 5$		C. $35 \times 8$	
	D. $2 \times (8 \times 5)$		D. 5 × 56	6. <b>D</b>
5)	Which expression is not equal to	6)	Which expression is not equal to	7. <b>A</b>
-,	$7 \times (8 \times 3)$	-)	$(8 \times 3) \times 7$	
	A. $(7 \times 8) \times 3$		A. 24 × 7	8. <b>D</b>
	B. 64 × 3		<b>B.</b> $8 \times (3 \times 7)$	
	$C.7 \times 24$		C. 8 × 21	9. <b>B</b>
	$D.56 \times 3$		$D.8 \times 24$	
				10. <b>B</b>
7)	Which expression is not equal to $9 \times (7 \times 6)$	8)	Which expression is not equal to $(7 \times 2) \times 5$	C
	$A. 9 \times 35$		$(7 \times 2) \times 5$ A. $7 \times 10$	11.
	B. 63 × 6		$\mathbf{B}.\ 14\times5$	
			C. $7 \times (2 \times 5)$	12. <b>B</b>
	C. $(9 \times 7) \times 6$ D. $9 \times 42$		D. $7 \times 8$	
	$D. 7 \times 42$		$D. 7 \times 6$	
9)	Which expression is not equal to $(6.5) \times 10^{-10}$	10)	Which expression is not equal to $0 + (2 + 10)$	
	$(6 \times 5) \times 10$		$9 \times (2 \times 10)$	
	A. $30 \times 10$		A. $(9 \times 2) \times 10$ B. $0 \times 19$	
	B. $6 + (5 \times 10)$		$B. 9 \times 18$	
	$C. 6 \times (5 \times 10)$		$C. 9 \times 20$	
	D. 6 × 50		D. 18 × 10	
11)	Which expression is not equal to	12)	Which expression is not equal to	
	$2 \times (8 \times 5)$		$(10 \times 8) \times 7$	
	A. 16 × 5		A. 10 × 56	
	B. $2 \times 40$		$\mathbf{B.88\times7}$	
	C. $24 \times 5$		C. $80 \times 7$	
	D. $(2 \times 8) \times 5$		D. $10 \times (8 \times 7)$	

Dete	ermine which choice is not an equival	ent equat	tion.	Answers
1)	Which expression is not equal to $10 \times (2 \times 3)$	2)	Which expression is not equal to $9 \times (2 \times 7)$	1
	A. $10 \times 6$		A. $(9 \times 2) \times 7$	1
	B. $(10 \times 2) \times 3$		B. $(9+2) \times 7$	
	C. $18 \times 3$		$C. 9 \times 14$	2
	D. $20 \times 3$		D. $18 \times 7$	3.
				3
3)	Which expression is not equal to	4)	Which expression is not equal to	4.
	$8 \times (6 \times 3)$		$8 \times (9 \times 3)$	4
	A. 48 × 3		A. 72 × 3	
	<b>B</b> . 8 × 18		B. 8 × 18	5
	C. $(8 \times 6) \times 3$		C. $8 \times 27$	
	D. (8+6) × 3		D. ( $8 \times 9$ ) × 3	6.
5)	Which expression is not equal to	6)	Which expression is not equal to	7.
0)	$(10 \times 7) \times 4$	0)	$(9 \times 4) \times 5$	
	A. $10 + (7 \times 4)$		$A. 9 \times 20$	8.
	$B. 10 \times 28$		$B. 9 \times (4 \times 5)$	
	C. $70 \times 4$		$C. 9 + (4 \times 5)$	9.
	D. $10 \times (7 \times 4)$		D. $36 \times 5$	J
				10.
7)	Which expression is not equal to	8)	Which expression is not equal to	
	$(3 \times 2) \times 6$		$(4 \times 10) \times 3$	11.
	A. 3 × 14		A. 40 × 3	
	B. 3 × 12		B. 4 × 30	12.
	C. 6 × 6		C. $4 \times (10 \times 3)$	12
	D. $3 \times (2 \times 6)$		D. $4 + (10 \times 3)$	
9)	Which expression is not equal to	10)	Which expression is not equal to	
- )	$6 \times (2 \times 3)$	/	$6 \times (8 \times 2)$	
	A. $(6+2) \times 3$		A. $48 \times 2$	
	$B.6 \times 6$		B. 6 × 16	
	$C. 12 \times 3$		C. $(6 \times 8) \times 2$	
	D. $(6 \times 2) \times 3$		D. $(6+8) \times 2$	
1)	W7. i. h. and a second de	12)	W7L: L	
1)	Which expression is not equal to $2 \times (4 \times 8)$	12)	Which expression is not equal to $(5 \times 6) \times 10$	
	A. $(2 \times 4) \times 8$		A. $24 \times 10$	
	<b>B.</b> $4 \times 8$		B. $30 \times 10$	
	C. 2 × 32		C. $5 \times (6 \times 10)$	
	D. $8 \times 8$		$D.5 \times 60$	
	Math Common Complex		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	58 50 42 33 25 1

<ol> <li>Whic 10 × 0 A. 10 B. (1 C. 18 D. 20</li> <li>Whic 8 × (1 A. 48 B. 8 &gt; C. (8 D. (8</li> <li>Whic (10 &gt; A. 10 B. 10 C. 70 D. 10</li> <li>Whic (3 × 1 A. 3 &gt; B. 3 &gt; C. 6 &gt; D. 3 &gt;</li> <li>Whic 6 × (1)</li> </ol>	$0 \times 2 \times 3$ $\times 3$ $\times 3$ th expression is not equal to $6 \times 3 \times 3$ $\times 3$ (18) $\times 6 \times 3$ $+ 6 \times 3$ $+ 6 \times 3$ th expression is not equal to $(7) \times 4$ $+ (7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ th expression is not equal to $2 \times 6$ (14)	2) 4) 6)	Which expression is not equal to $9 \times (2 \times 7)$ A. $(9 \times 2) \times 7$ B. $(9 + 2) \times 7$ C. $9 \times 14$ D. $18 \times 7$ Which expression is not equal to $8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to $(4 \times 10) \times 3$	Answer         1. $C$ 2. $B$ 3. $D$ 4. $B$ 5. $A$ 6. $C$ 7. $A$ 8. $D$ 9. $A$ 10. $D$ 11. $B$
$10 \times 0$ A. 10         B. (1         C. 18         D. 20 <b>3</b> ) Whic $8 \times ($ A. 48         B. 8 >         C. (8         D. (8 <b>5</b> ) Whic         (10 >         A. 10         B. 10         C. 70         D. 10 <b>7</b> ) Whic         (3 ×)         A. 3 >         B. 3 >         C. 6 >         D. 3 > <b>9</b> ) Whic $6 \times (1)$	$(2 \times 3)$ × 6 $(2 \times 3)$ × 3 × 3 × 3 h expression is not equal to $6 \times 3)$ × 3 × 18 × 6) × 3 + 6) × 3 + 6) × 3 h expression is not equal to $(7) \times 4$ + (7 × 4) × 28 × 4 × (7 × 4) h expression is not equal to 2) × 6 < 14	4) 6)	$9 \times (2 \times 7)$ A. $(9 \times 2) \times 7$ B. $(9 + 2) \times 7$ C. $9 \times 14$ D. $18 \times 7$ Which expression is not equal to $8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	2. <b>B</b> 3. <b>D</b> 4. <b>B</b> 5. <b>A</b> 6. <b>C</b> 7. <b>A</b> 8. <b>D</b> 9. <b>A</b> 10. <b>D</b>
A. 10 B. $(1)$ C. 18 D. 20 <b>3)</b> Whice $8 \times (1)$ A. 48 B. $8 \times (1)$ A. 48 B. $8 \times (1)$ A. 48 D. $(8)$ <b>5)</b> Whice $(10 \times A. 10)$ B. 10 C. 70 D. 10 <b>5)</b> Whice $(3 \times 1)$ A. 3 $\times$ B. 3 $\times$ C. 6 $\times$ D. 3 $\times$ <b>9)</b> Whice $6 \times (1)$ A. $(6)$		6)	A. $(9 \times 2) \times 7$ B. $(9+2) \times 7$ C. $9 \times 14$ D. $18 \times 7$ Which expression is not equal to $8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	2. <b>B</b> 3. <b>D</b> 4. <b>B</b> 5. <b>A</b> 6. <b>C</b> 7. <b>A</b> 8. <b>D</b> 9. <b>A</b> 10. <b>D</b>
C. 18 D. 20 3) Whic $8 \times (10)$ A. 48 B. $8 \times (10)$ C. (8 D. (8 5) Whic (10 $\times$ A. 10 B. 10 C. 70 D. 10 7) Whic (3 $\times (10)$ A. 3 $\times$ B. 3 $\times$ C. 6 $\times$ D. 3 $\times$ 9) Whic 6 $\times (10)$ A. (6)	$ x 3  x 3  x 3  th expression is not equal to  6 \times 3 )x 3  (18)  x 6 ) x 3  (17) x 4x (7 \times 4) (18)th expression is not equal to2  ) x 6(14)(18)(19) $	6)	B. $(9+2) \times 7$ C. $9 \times 14$ D. $18 \times 7$ Which expression is not equal to $8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	3. $D$ 4. $B$ 5. $A$ 6. $C$ 7. $A$ 8. $D$ 9. $A$ 10. $D$ <b>B</b>
D. 20 3) Whic $8 \times (1 + 48)$ B. $8 \times (1 + 48)$ D. $(10 \times 10)$ C. $(10 \times 10)$ D. $10$ C. $70$ D. $10$ C. $70$ D. $10$ 7) Whic $(3 \times 10)$ B. $3 \times 100$ C. $70$ D. $10$ 7) Whic $(3 \times 10)$ B. $3 \times 100$ C. $6 \times 100$ D. $3 \times 1$	$\times 3$ th expression is not equal to $6 \times 3$ ) $\times 3$ $(18)$ $\times 6$ ) $\times 3$ $+ 6$ ) $\times 3$ th expression is not equal to $(7) \times 4$ $+ (7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ th expression is not equal to $2) \times 6$ $(14)$	6)	D. $18 \times 7$ Which expression is not equal to $8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	3. $D$ 4. $B$ 5. $A$ 6. $C$ 7. $A$ 8. $D$ 9. $A$ 10. $D$ <b>B</b>
<ul> <li>3) Which 8 × (1) 8 × (1) 8 × (1) 4.10</li> <li>5) Which (10 × A.10)</li> <li>5) Which (10 × A.10)</li> <li>7) Which (3 × 1)</li> <li>7) Which (3 × 1)</li> <li>8.3 × C.6 × D.3 × 0.3 ×</li></ul>	th expression is not equal to $6 \times 3$ ) $\times 3$ (18) $\times 6$ ) $\times 3$ $+ 6$ ) $\times 3$ th expression is not equal to $(7) \times 4$ $+ (7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ th expression is not equal to $2$ ) $\times 6$ (14)	6)	Which expression is not equal to $8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$8 \times (1)$ A. 48 B. 8 > C. (8 D. (8 5) Whic (10 > A. 10 B. 10 C. 70 D. 10 7) Whic (3 × 1) A. 3 > B. 3 > C. 6 > D. 3 > 9) Whic 6 × (1) A. (6)	$6 \times 3$ ) $\times 3$ (18) $\times 6$ ) $\times 3$ $+ 6$ ) $\times 3$ th expression is not equal to $(7) \times 4$ $+ (7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ th expression is not equal to $2 \times 6$ (14)	6)	$8 \times (9 \times 3)$ A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	5. $A$ 6. $C$ 7. $A$ 8. $D$ 9. $A$ 10. $D$ <b>B</b>
A. 48 B. 8 > C. $(8$ D. $(8$ 5) Whic (10 > A. 10 B. 10 C. 70 D. 10 7) Whic $(3 \times 3)$ B. 3 > C. 6 > D. 3 > 9) Whic $6 \times (10)$ A. $(6)$	$ \times 3                                   $		A. $72 \times 3$ B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	$ \begin{array}{c}                                     $
B. $8 >$ C. (8 D. (8 D. (8 5) Whic (10 > A. 10 B. 10 C. 70 D. 10 7) Whic (3 × A. 3 > B. 3 > C. 6 > D. 3 > 9) Whic 6 × (1) A. (6)	$(18)$ $(\times 6) \times 3$ $(+ 6) \times 3$ $(+ 6) \times 3$ $(- 7) \times 4$		B. $8 \times 18$ C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	$ \begin{array}{c}                                     $
C. $(8)$ D. $(8)$ D. $(8)$ D. $(10 > 4, 10)$ B. $10$ C. $70$ D. $10$ C. $70$ D. $10$ 7) Whice $(3 \times 1)$ A. $3 > 5$ C. $6 > 5$ D. $3 > 5$ 9) Whice $6 \times (10)$ A. $(6)$	$(x + 6) \times 3$ (x + 6) \times 3 (x + 6) \times 3 (x + 6) \times 3 (x + 6) \times 4 (x + (7 \times 4)) (x + 28) (x + 4) (x		C. $8 \times 27$ D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	7. <u>A</u> 8. <u>D</u> 9. <u>A</u> 10. <u>D</u>
D. (8 D. (8 5) Whic (10 $\times$ A. 10 B. 10 C. 70 D. 10 7) Whic (3 $\times$ A. 3 $\times$ B. 3 $\times$ C. 6 $\times$ D. 3 $\times$ 9) Whic 6 $\times$ (1) A. (6)	$(+ 6) \times 3$ th expression is not equal to $(7) \times 4$ $+ (7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ th expression is not equal to $2) \times 6$ < 14		D. $(8 \times 9) \times 3$ Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	7. <u>A</u> 8. <u>D</u> 9. <u>A</u> 10. <u>D</u>
<ul> <li>5) Whice (10 × A. 10 B. 10 C. 70 D. 10 D. 10</li> <li>7) Whice (3 × A. 3 × B. 3 × C. 6 × D. 3 × D. 3 × 0.</li></ul>	th expression is not equal to $(7) \times 4$ $+ (7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ th expression is not equal to $2) \times 6$ < 14		Which expression is not equal to $(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	<ul> <li>7</li> <li>8</li> <li>9</li> <li>10</li> <li>D</li> </ul>
( $10 >$ A. $10$ B. $10$ C. $70$ D. $10$ 7) Whic ( $3 \times 1$ A. $3 >$ B. $3 >$ C. $6 >$ D. $3 >$ 9) Whic $6 \times (1)$ A. ( $6$	$(7) \times 4$ + (7 × 4) × 28 × 4 × (7 × 4) h expression is not equal to 2) × 6 < 14		$(9 \times 4) \times 5$ A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	<ul> <li>7</li> <li>8</li> <li>9</li> <li>10</li> <li>D</li> </ul>
<ul> <li>A. 10</li> <li>B. 10</li> <li>C. 70</li> <li>D. 10</li> <li>7) Whic (3 × 3)</li> <li>A. 3 &gt;</li> <li>B. 3 &gt;</li> <li>C. 6 &gt;</li> <li>D. 3 &gt;</li> <li>9) Whic 6 × (1)</li> <li>A. (6)</li> </ul>	+ $(7 \times 4)$ $\times 28$ $\times 4$ $\times (7 \times 4)$ h expression is not equal to $2) \times 6$ < 14	8)	A. $9 \times 20$ B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	9. <b>A</b> 10. <b>D</b>
B. 10         C. 70         D. 10         7) Whice $(3 \times 3)$ B. 3 >         C. 6 >         D. 3 >         9) Whice $6 \times (3)$ A. (6)		8)	B. $9 \times (4 \times 5)$ C. $9 + (4 \times 5)$ D. $36 \times 5$ Which expression is not equal to	9. <b>A</b> 10. <b>D</b>
C. 70 D. 10 T) Whic $(3 \times 1)$ A. 3 $>$ B. 3 $>$ C. 6 $>$ D. 3 $>$ 9) Whic $6 \times (1)$ A. (6)	$\times 4$ $\times (7 \times 4)$ h expression is not equal to 2) $\times 6$ < 14	8)	C. 9 + (4 $\times$ 5) D. 36 $\times$ 5 Which expression is not equal to	10. <b>D</b>
D. 10 D. 10 T) Whic $(3 \times 3)$ A. 3 $>$ B. 3 $>$ C. 6 $>$ D. 3 $>$ P) Whic $6 \times (3)$ A. (6)	× (7×4) h expression is not equal to 2)×6 < 14	8)	D. $36 \times 5$ Which expression is not equal to	10. <b>D</b>
<ul> <li>7) Whice (3×1)</li> <li>A. 3×2)</li> <li>B. 3×2)</li> <li>C. 6×2)</li> <li>D. 3×20) Whice 6×(1)</li> <li>A. (6)</li> </ul>	h expression is not equal to 2 ) × 6 < 14	8)	Which expression is not equal to	D
( $3 \times 1$ A. $3 \times 2$ B. $3 \times 2$ C. $6 \times 2$ D. $3 \times 2$ O) White $6 \times 1$ A. ( $6$	2)×6 <14	8)		
( $3 \times 1$ A. $3 \times 2$ B. $3 \times 2$ C. $6 \times 2$ D. $3 \times 2$ O) White $6 \times 1$ A. ( $6$	2)×6 <14			11 <b>B</b>
<ul> <li>B. 3 &gt;</li> <li>C. 6 &gt;</li> <li>D. 3 &gt;</li> <li>9) White 6 × (1)</li> <li>A. (6)</li> </ul>				
C. 6 > D. 3 > 9) Whic 6 × (1) A. (6)	< 12		A. $40 \times 3$	
D. 3 > 9) Whic 6 × (1) A. (6)			B. $4 \times 30$	12. <b>A</b>
9) Whic $6 \times (2)$ A. (6)	< 6		C. $4 \times (10 \times 3)$	
6×( A.(6	< (2×6)		D. 4 + ( 10 × 3 )	
A. ( 6	h expression is not equal to	10)	Which expression is not equal to	
	2×3)		$6 \times (8 \times 2)$	
B. 6>	(+2)×3		A. $48 \times 2$	
2.0	< 6		B. 6 × 16	
C. 12	× 3		C. $(6 \times 8) \times 2$	
D. ( 6	×2)×3		D. $(6+8) \times 2$	
	h expression is not equal to	12)	Which expression is not equal to	
	4×8)		$(5 \times 6) \times 10$	
	$(\times 4) \times 8$		A. $24 \times 10$	
B. 4 >			$B. 30 \times 10$	
C. 2 >			C. $5 \times (6 \times 10)$	
D. 8 >	< 8		D. $5 \times 60$	

ete	ermine which choice is not an equival	ent equa	tion.	Answer
1)	Which expression is not equal to	2)	Which expression is not equal to	
	$8 \times (2 \times 9)$		$8 \times (5 \times 9)$	1
	A. $(8+2) \times 9$		A. $8 \times 45$	
	B. 16 × 9		<b>B.</b> $40 \times 9$	2.
	C. $(8 \times 2) \times 9$		C. $(8 \times 5) \times 9$	
	D. 8 × 18		D. (8+5) × 9	3
3)	Which expression is not equal to	4)	Which expression is not equal to	4.
	$(10 \times 9) \times 7$		$3 \times (6 \times 2)$	<sup>−</sup>
	A. $90 \times 7$		A. $(3 \times 6) \times 2$	5
	B. 10 × 63		$B.\ 18 \times 2$	5
	C. 99 × 7		C. 3 × 12	
	D. $10 \times (9 \times 7)$		D. 3 × 6	6
5)	Which expression is not equal to	6)	Which expression is not equal to	7
	10  imes (2  imes 6)		$5 \times (6 \times 3)$	
	A. $20 \times 6$		A. $30 \times 3$	8.
	B. $(10 \times 2) \times 6$		B. 5 × 12	
	C. $22 \times 6$		C. $(5 \times 6) \times 3$	9.
	D. 10 × 12		D. 5 × 18	
7)	Which expression is not equal to	8)	Which expression is not equal to	10
	$(4 \times 2) \times 3$		$9 \times (3 \times 4)$	11.
	A. 8 × 3		A. $(9 \times 3) \times 4$	
	B. $4 + (2 \times 3)$		<b>B.</b> $30 \times 4$	12.
	C. 4 × 6		C. $27 \times 4$	
	D. $4 \times (2 \times 3)$		D. 9 × 12	
9)	Which expression is not equal to	10)	Which expression is not equal to	
	$3 \times (8 \times 2)$		$10 \times (7 \times 5)$	
	A. 3 × 24		A. $(10 \times 7) \times 5$	
	<b>B.</b> $24 \times 2$		$B.\ 10\times35$	
	C. 3 × 16		C. $10 \times 42$	
	D. $(3 \times 8) \times 2$		D. 70 × 5	
1)	Which expression is not equal to $(2 \times 4) \times 9$	12)	Which expression is not equal to $(7 \times 8) \times 6$	
	$A. 2 \times 36$		A. $7 \times 56$	
	$\mathbf{B}.\ 2\times32$		$\mathbf{B}. 7 \times (8 \times 6)$	
	$\begin{array}{c} \text{B. } 2 \times 32 \\ \text{C. } 2 \times (4 \times 9) \end{array}$		C. $7 \times 48$	
	$D. 8 \times 9$		D. $56 \times 6$	
			$D.50 \wedge 0$	
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	Finding Associative	Pro	operty Name: Answer K	ey	
Dete	ermine which choice is not an equivalent e	quat	tion.	An	swers
1)	Which expression is not equal to $8 \times (2 \times 9)$	2)	Which expression is not equal to $8 \times (5 \times 9)$	1.	A
	A. $(8+2) \times 9$		A. 8 × 45		-
	B. $16 \times 9$		B. $40 \times 9$	2.	D
	C. (8×2)×9 D. 8×18		C. $(8 \times 5) \times 9$ D. $(8+5) \times 9$	3.	С
3)	Which expression is not equal to $(10 \times 9) \times 7$	4)	Which expression is not equal to $3 \times (6 \times 2)$	4.	D
	A. $90 \times 7$		A. $(3 \times 6) \times 2$		С
	B. 10 × 63		B. $18 \times 2$	5.	
	C. 99 × 7		C. 3 × 12		B
	D. $10 \times (9 \times 7)$		D. 3 × 6	6.	
5)	Which expression is not equal to $10 \times (2 \times 6)$	6)	Which expression is not equal to $5 \times (6 \times 3)$	7.	B
	A. 20 × 6		A. 30 × 3	8.	B
	B. $(10 \times 2) \times 6$		B. 5 × 12	-	
	C. 22 × 6		C. $(5 \times 6) \times 3$	9.	Α
	D. 10 × 12		D. 5 × 18		C
7)	Which expression is not equal to $(4 \times 2) \times 3$	8)	Which expression is not equal to $9 \times (3 \times 4)$	10. 11.	B
	A. $8 \times 3$		A. $(9 \times 3) \times 4$	-	
	B. $4 + (2 \times 3)$		$B. 30 \times 4$	12.	Α
	C. $4 \times 6$ D. $4 \times (2 \times 3)$		C. $27 \times 4$ D. $9 \times 12$		
	$\mathbf{D}, 4 \times (2 \times 3)$		D. 9 × 12		
9)	Which expression is not equal to $3 \times (8 \times 2)$	10)	Which expression is not equal to $10 \times (7 \times 5)$		
	A. 3 × 24		A. $(10 \times 7) \times 5$		
	B. $24 \times 2$		B. 10 × 35		
	C. 3 × 16		C. $10 \times 42$		
	D. $(3 \times 8) \times 2$		D. $70 \times 5$		
11)	Which expression is not equal to $(2 \times 4) \times 9$	12)	Which expression is not equal to $(7 \times 8) \times 6$		
	A. 2 × 36		A. 7 × 56		
	B. $2 \times 32$		B. $7 \times (8 \times 6)$		
	$C. 2 \times (4 \times 9)$		C. 7 × 48		
	D. $8 \times 9$		D. $56 \times 6$		
	Math www.CommonCoreSheets.com	n	3 1-10 92 83 75 67 58 50 11-12 8 0	42	33 25 17

Determine which choice is not an equivalent equation.         An:           1) Which expression is not equal to $(2 \times 5) \times 10$ 2) Which expression is not equal to $(2 \times 4) \times 6$ 1. $(2 \times 5) \times 10$ $(2 \times 4) \times 6$ 1. $B. 10 \times 10$ $B. 4 \times 6$ 2. $C. 5 \times 10$ $C. 2 \times (4 \times 6)$ 3. $D. 2 \times (5 \times 10)$ $D. 8 \times 6$ 3.           3) Which expression is not equal to $5 \times (8 \times 4)$ $A. 7 \times 12$ $8. 5 \times 40$ $8. 14 \times 6$ $C. 5 \times 32$ $C. (7 \times 2) \times 6$ $6.$ $7.$ $D. (5 \times 8) \times 4$ $D. 16 \times 6$ $6.$ 5) Which expression is not equal to $(5 \times 8) \times 4$ $D. 16 \times 5$ $8.$ $D. (5 \times 8) \times 4$ $D. 16 \times 5$ $8.$ $D. 5 \times (3 \times 4)$ $D. 8 \times 10$ $10.$ 7) Which expression is not equal to $(5 \times 8) \times 7$ $10 \times (2 \times 8)$ $11.$ $A. 5 \times 48$ $A. (10 \times 2) \times 8$ $B. 5 \times (2 \times 5)$ $11.$ $A. 5 \times 48$ $A. (10 \times 2) \times 8$ $11.$ $A. 5 \times 48$ $A. (10 \times 2) \times 8$ $12.$ $D. 5 \times 56$ $D. 20 \times 8$ $10.$			inding A				Name:		
$(2 \times 5) \times 10$ $(2 \times 4) \times 6$ 1.         A. $2 \times 50$ A. $2 \times 24$ 1.         B. $10 \times 10$ B. $4 \times 6$ 2.         C. $5 \times 10$ C. $2 \times (4 \times 6)$ 3.         J. Which expression is not equal to $5 \times (8 \times 4)$ T $\times (2 \times 6)$ 4.         A. $40 \times 4$ A. $7 \times 12$ 5.         B. $5 \times 40$ B. $14 \times 6$ 5.         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.         5.       Which expression is not equal to $(5 \times 3) \times 4$ D. $16 \times 6$ 5.       A. $5 \times 15$ A. $16 \times 5$ B. $5 \times 12$ B. $8 \times (2 \times 5)$ 7.         C. $15 \times 4$ C. $18 \times 5$ 9.         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.         7)       Which expression is not equal to $10 \times (2 \times 8)$ 11. $(5 \times 8) \times 7$ C. $(10 \times 2) \times 8$ 11.         A. $5 \times 15$ B. $10 \times 16$ 12.         7.       B. $10 \times 16$ 12.         7.       D. $5 \times 56$ D. $20 \times 8$ 9)       Which expression is not equal to $(3 \times 5) \times 2$ 1.         8 \times (2 \times 9)       A.	which cho	choice is	not an e	quivalent	t equat	tion.		<u>An</u>	swers
A. $2 \times 50$ A. $2 \times 24$ B. $10 \times 10$ B. $4 \times 6$ 2.         B. $10 \times 10$ B. $4 \times 6$ 2.       2.       2.         C. $5 \times 10$ D. $2 \times (5 \times 10)$ D. $8 \times 6$ 3.       3.         J       Which expression is not equal to $5 \times (8 \times 4)$ 4.       Which expression is not equal to $7 \times (2 \times 6)$ 4.         A. $40 \times 4$ A. $7 \times 12$ B. $5 \times 40$ B. $14 \times 6$ 5.         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.       6.         J. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.       6.         S. Which expression is not equal to $(5 \times 3) \times 4$ D. $16 \times 6$ 6.       6.         J. $(5 \times 3) \times 4$ D. $16 \times 5$ B. $(2 \times 5)$ 8.       6.         J. $5 \times (3 \times 4)$ D. $8 \times (2 \times 5)$ 8.       9.       9.         J. $5 \times (3 \times 4)$ D. $8 \times (2 \times 5)$ 9.       10.       10.         (5 \times 8) \times 7       D. $8 \times (2 \times 5)$ 11.       11.       11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.       11.       11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.       11.       12.         D. $5 \times 56$ D. $20 \times 8$ 10. </th <th>-</th> <th>sion is n</th> <th>ot equal to</th> <th>0</th> <th>2)</th> <th>-</th> <th>not equal to</th> <th></th> <th></th>	-	sion is n	ot equal to	0	2)	-	not equal to		
B. $10 \times 10$ B. $4 \times 6$ 2.         C. $5 \times 10$ C. $2 \times (4 \times 6)$ 3.         D. $2 \times (5 \times 10)$ D. $8 \times 6$ 3.         3) Which expression is not equal to $5 \times (8 \times 4)$ A. $7 \times (2 \times 6)$ 4.         A. $40 \times 4$ A. $7 \times 12$ 5.         B. $5 \times 40$ B. $14 \times 6$ 5.         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.         5) Which expression is not equal to $(5 \times 3) \times 4$ 6) Which expression is not equal to $(8 \times 2) \times 5$ 8.         A. $5 \times 15$ A. $16 \times 5$ 8.         B. $5 \times (3 \times 4)$ D. $8 \times (2 \times 5)$ 9.         C. $15 \times 4$ C. $18 \times 5$ 9.         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.         7) Which expression is not equal to $(5 \times 8) \times 7$ 10 $\times (2 \times 8)$ 11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.         B. $5 \times (3 \times 7)$ B. $10 \times 16$ 12.         C. $40 \times 7$ D. $20 \times 8$ 12.         D. $5 \times 56$ D. $20 \times 8$ 12.         9) Which expression is not equal to $(3 \times 5) \times 2$ $(3 \times 5) \times 2$ 12.         D. $5 \times 10$ D.	,					. ,		1.	
C. $5 \times 10$ C. $2 \times (4 \times 6)$ 2         D. $2 \times (5 \times 10)$ D. $8 \times 6$ 3.         3)       Which expression is not equal to $5 \times (8 \times 4)$ A. $7 \times 12$ B. $5 \times 40$ B. $14 \times 6$ 5.         C. $5 \times 32$ C. $(7 \times 2) \times 6$ D. $(5 \times 8) \times 4$ D. $16 \times 6$ 5)       Which expression is not equal to $(5 \times 3) \times 4$ 6)         Which expression is not equal to $(5 \times 3) \times 4$ 6)       Which expression is not equal to $(8 \times 2) \times 5$ A. $5 \times 15$ A. $16 \times 5$ 8.         B. $5 \times 12$ B. $8 \times (2 \times 5)$ 8.         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 9.         7)       Which expression is not equal to $(5 \times 8) \times 7$ N thich expression is not equal to $10 \times (2 \times 8)$ 11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.         C. $10 \times 2) \times 8$ 9.       20 \times 5 \times 56       10.         S. $(4 \times 7)$ D. $3 \times 10$ 11.         H. $6 \times 9$ B. $3 + (5 \times 2)$ 12.         D. $5 \times 56$ D. $3 \times 10$ 12.         H. $8 \times 30$ B. $12 \times 9$ 12.         A. $40 \times 6$									
D. $2 \times (5 \times 10)$ D. $8 \times 6$ 3.         3) Which expression is not equal to $5 \times (8 \times 4)$ 4) Which expression is not equal to $7 \times (2 \times 6)$ 4.         A. $40 \times 4$ A. $7 \times 12$ 5.         B. $5 \times 40$ B. $14 \times 6$ 6.         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.         5) Which expression is not equal to $(5 \times 3) \times 4$ 6) Which expression is not equal to $(8 \times 2) \times 5$ 8.         A. $5 \times 15$ A. $16 \times 5$ 8.         B. $5 \times 12$ B. $8 \times (2 \times 5)$ 8.         C. $15 \times 4$ C. $18 \times 5$ 9.         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.         7) Which expression is not equal to $(5 \times 8) \times 7$ 8) Which expression is not equal to $(5 \times 8) \times 7$ 11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.         C. $40 \times 7$ C. $(10 + 2) \times 8$ 12.         D. $5 \times 56$ D. $20 \times 8$ 12.         9) Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.         A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ 13.         B. $16 \times 9$ C. $15 \times 2$								2.	
3)Which expression is not equal to $5 \times (8 \times 4)$ 4)Which expression is not equal to $7 \times (2 \times 6)$ 4.A. 40 \times 4A. 7 \times 12B.B. 5 \times 40B. 14 \times 6C. 5 \times 32C. $(7 \times 2) \times 6$ D. $(5 \times 8) \times 4$ D. 16 \times 65)Which expression is not equal to $(5 \times 3) \times 4$ 6)6.Mich expression is not equal to $(5 \times 3) \times 4$ 7.7)Which expression is not equal to $(5 \times 3) \times 4$ 7.8.A. 16 \times 58.9.B. 5 \times 12B. 8 \times (2 \times 5)C. 15 \times 4C. 18 \times 5D. 5 \times (3 \times 4)D. 8 \times 107)Which expression is not equal to $(5 \times 8) \times 7$ 7)Which expression is not equal to $(5 \times 8) \times 7$ 8.B. 5 \times (8 \times 7)9.B. 10 \times 16C. 40 \times 7C. (10 + 2) \times 89.B. 16 \times 99.S. 3 \times (5 \times 2)8.B. 3 \times (5 \times 2)9.Khich expression is not equal to $(8 \times 5) \times 6$ 10)Which expression is not equal to $(7 \times 2) \times 9$ 11)Which expression is not equal to $(8 \times 5) \times 6$ 11)Which expression is not equal to $(8 \times 5) \times 6$ 11)Which expression is not equal to $(7 \times 2) \times 9$ 11)Which expression is not equal to $(7 \times 2) \times 9$ 12)Mich expression is not equal to $(7 \times 2) \times 9$ 13)14)14)15)15)16)16)12)16)12)17)13)18)14) <td></td> <td>0.)</td> <td></td> <td></td> <td></td> <td>. ,</td> <td></td> <td></td> <td></td>		0.)				. ,			
$5 \times (8 \times 4)$ $7 \times (2 \times 6)$ 4.         A. $40 \times 4$ A. $7 \times 12$ 5.         B. $5 \times 40$ B. $14 \times 6$ 5.         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.         5)       Which expression is not equal to $(5 \times 3) \times 4$ 6)       Which expression is not equal to $(8 \times 2) \times 5$ 8.         A. $5 \times 15$ A. $16 \times 5$ B. $8 \times (2 \times 5)$ 7.         C. $15 \times 4$ C. $18 \times 5$ 9.         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.         7)       Which expression is not equal to $(5 \times 8) \times 7$ 10 $\times (2 \times 8)$ 11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 9.       10.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.         C. $40 \times 7$ D. $20 \times 8$ 12.         9)       Which expression is not equal to $8 \times (2 \times 9)$ $(3 \times 5) \times 2$ 11.         A. $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.       12.         A. $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 13.       14.         B. $5 \times 6$ D. $3 \times 10$ 12.       14.      <	$(3 \times 10)$	0)				$D. \delta \times 0$		3	
$5 \times (8 \times 4)$ $7 \times (2 \times 6)$ -         A. $40 \times 4$ A. $7 \times 12$ -         B. $5 \times 40$ B. $14 \times 6$ -         C. $(5 \times 3) \times 4$ D. $16 \times 6$ -         5)       Which expression is not equal to $(5 \times 3) \times 4$ O       Which expression is not equal to $(8 \times 2) \times 5$ -         A. $5 \times 15$ A. $16 \times 5$ -       -       -         B. $5 \times 12$ B. $8 \times (2 \times 5)$ -       -         C. $15 \times 4$ C. $18 \times 5$ 9.       -         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.       -         7)       Which expression is not equal to $(5 \times 8) \times 7$ B. $10 \times 16$ -       -         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.       -         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.       -         D. $5 \times 56$ D. $20 \times 8$ 12.       -         9)       Which expression is not equal to $(3 \times 5) \times 2$ 13. $4 \times 5 \times 2$ -       -         B. $6 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ -       -       -         J. $5 \times 56$ D. $3 \times 10$ 12.       Which expression is not equal to $(3 \times 5) \times 2$ -         B. $16 \times 9$	-	sion is n	ot equal to	0	4)		not equal to		
B. $5 \times 40$ B. $14 \times 6$ 5.C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.D. $(5 \times 8) \times 4$ D. $16 \times 6$ 5)Which expression is not equal to $(5 \times 3) \times 4$ 6)Which expression is not equal to $(5 \times 3) \times 4$ 6)Which expression is not equal to $(5 \times 3) \times 4$ 7.A. $5 \times 15$ A. $16 \times 5$ B. $5 \times 12$ B. $8 \times (2 \times 5)$ C. $15 \times 4$ C. $18 \times 5$ D. $5 \times (3 \times 4)$ D. $8 \times 10$ 7)Which expression is not equal to $(5 \times 8) \times 7$ A. $5 \times 48$ A. $(10 \times 2) \times 8$ B. $5 \times (8 \times 7)$ B. $10 \times 16$ C. $40 \times 7$ C. $(10 + 2) \times 8$ D. $5 \times 56$ D. $20 \times 8$ 9)Which expression is not equal to $8 \times (2 \times 9)$ A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ B. $16 \times 9$ B. $3 + (5 \times 2)$ C. $18 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ 11)Which expression is not equal to $(8 \times 5) \times 6$ 12)Which expression is not equal to $(7 \times 2) \times 9$ B. $8 \times 30$ C. $15 \times 2$ D. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$	,					· · · ·		-	
B. $5 \times 40$ B. $14 \times 6$ -         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.         5)       Which expression is not equal to $(5 \times 3) \times 4$ 6)       Which expression is not equal to $(8 \times 2) \times 5$ A. $5 \times 15$ A. $16 \times 5$ 8.       -         B. $5 \times 12$ B. $8 \times (2 \times 5)$ 8.         C. $15 \times 4$ C. $18 \times 5$ 9.         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 7)       Which expression is not equal to $(5 \times 8) \times 7$ 10 $\times (2 \times 8)$ A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.         C. $10 \times 2) \times 8$ D. $20 \times 8$ 12.         9)       Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.         A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ 12.         D. $8 \times 18$ D. $3 \times 10$ 11.         11)       Which expression is not equal to $(7 \times 2) \times 9$ 13 $\times 10$ 11)       Which expression is not equal to $(7 \times 2) \times 9$ 14 $\times 5 \times 2$ 15 $\times 2$ D. $8 \times 30$ D. $3 \times 10$ 12       Which expression is not equal to $(8 \times 5) \times 6$ 12								5	
D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.5)Which expression is not equal to $(5 \times 3) \times 4$ A. $5 \times 15$ B. $5 \times 12$ D. $5 \times 12$ D. $5 \times (3 \times 4)$ 6)Which expression is not equal to $(8 \times 2) \times 5$ A. $16 \times 5$ B. $8 \times (2 \times 5)$ C. $15 \times 4$ D. $5 \times (3 \times 4)$ 7.7)Which expression is not equal to $(5 \times 8) \times 7$ A. $5 \times 48$ B. $5 \times (8 \times 7)$ D. $5 \times 56$ 8)9.7)Which expression is not equal to $(5 \times 8) \times 7$ A. $5 \times 48$ B. $5 \times (8 \times 7)$ D. $5 \times 56$ 8)10.9)Which expression is not equal to $(2 \times 8)$ A. $5 \times 48$ B. $5 \times (8 \times 7)$ D. $5 \times 56$ 10)11.9)Which expression is not equal to $8 \times (2 \times 9)$ A. $(8 \times 2) \times 9$ B. $16 \times 9$ C. $15 \times 2$ D. $3 \times 10$ 10)11)Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12)11)Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12)11)Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12)11)Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12)									
D. $(5 \times 8) \times 4$ D. $16 \times 6$								6	
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$(5 \times 3) \times 4$ $(8 \times 2) \times 5$ 8A. $5 \times 15$ A. $16 \times 5$ B. $5 \times 12$ B. $8 \times (2 \times 5)$ C. $15 \times 4$ C. $18 \times 5$ D. $5 \times (3 \times 4)$ D. $8 \times 10$ 7)Which expression is not equal to $(5 \times 8) \times 7$ B)Which expression is not equal to $10 \times (2 \times 8)$ 10.7)Which expression is not equal to $(5 \times 8) \times 7$ B)10 \times (2 \times 8) $10 \times (2 \times 8)$ 11.A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.B. $5 \times (8 \times 7)$ C. $40 \times 7$ C. $(10 + 2) \times 8$ D. $5 \times 56$ 10)9)Which expression is not equal to $8 \times (2 \times 9)$ A. $(8 \times 2) \times 9$ 10)A. $(8 \times 2) \times 9$ B. $16 \times 9$ C. $18 \times 9$ A. $3 \times (5 \times 2)$ B. $3 + (5 \times 2)$ C. $18 \times 9$ D. $3 \times 10$ 12)11)Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12)11)Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12)	h expressic	sion is n	ot equal to	0	6)	Which expression is	not equal to	7.	
B. $5 \times 12$ B. $8 \times (2 \times 5)$ Image: constraint of the expression is not equal to the expression the	-				,	_	· · · 1 · · · ·		
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7) Which expression is not equal to $(5 \times 8) \times 7$ A. $5 \times 48$ 8) Which expression is not equal to $10 \times (2 \times 8)$ 11.         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.         C. $40 \times 7$ C. $(10 + 2) \times 8$ 12.         D. $5 \times 56$ D. $20 \times 8$ 12.         9) Which expression is not equal to $8 \times (2 \times 9)$ 10) Which expression is not equal to $(3 \times 5) \times 2$ 13.         A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ 14.         B. $16 \times 9$ C. $15 \times 2$ 16.         C. $18 \times 9$ D. $3 \times 10$ 11.         11) Which expression is not equal to $(8 \times 5) \times 6$ 12.         Much expression is not equal to $(8 \times 5) \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$	< ( 3 × 4 )	)				D. 8 × 10			
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B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.C. $40 \times 7$ C. $(10 + 2) \times 8$ 13.D. $5 \times 56$ D. $20 \times 8$ 9) Which expression is not equal to $8 \times (2 \times 9)$ 10) Which expression is not equal to $(3 \times 5) \times 2$ 14.A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ B. $16 \times 9$ B. $3 + (5 \times 2)$ C. $18 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$								11	
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B. $16 \times 9$ B. $3 + (5 \times 2)$ C. $18 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ 11)       Which expression is not equal to $(8 \times 5) \times 6$ 12)         A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$	,	9				·			
C. $18 \times 9$ D. $8 \times 18$ C. $15 \times 2$ D. $3 \times 10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $7 \times (2 \times 9)$ B. $12 \times 9$ C. $7 \times 18$									
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$(8 \times 5) \times 6$ $(7 \times 2) \times 9$ A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$	< 18					D. 3 × 10			
$(8 \times 5) \times 6$ $(7 \times 2) \times 9$ A. 40 $\times 6$ A. 7 $\times$ (2 $\times$ 9)         B. 8 $\times$ 30       B. 12 $\times$ 9         C. 8 $\times$ (5 $\times$ 6)       C. 7 $\times$ 18	h expressio	sion is n	ot equal to	.0	12)	Which expression is	not equal to		
A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$	-	~ ~	.1		,	-	1		
C. $8 \times (5 \times 6)$ C. $7 \times 18$									
	< 30					B. 12 × 9			
D. 8 × 35 D. 14 × 9	(5×6)	)				C. 7 × 18			
	< 35					D. 14 × 9			
$1-10 \ 92 \ 83 \ 75 \ 67 \ 58 \ 50 \ 42 \ 33$							I I		

1) Which expression is not equal to $(2 \times 5) \times 10$ 2) Which expression is not equal to $(2 \times 4) \times 6$ 1. C         A. 2 × 50       A. 2 × 24       2. B         B. 10 × 10       C. 2 × (4 × 6)       2. B         D. 2 × (5 × 10)       D. 8 × 6       3. B         3) Which expression is not equal to 5 × (8 × 4)       7. × (2 × 6)       4. D         A. 40 × 4       A. 7 × 12       5. A         B. 5 × 40       C. (7 × 2) × 6       6. C         D. (5 × 8) × 4       D. 16 × 6         S. $- A + 5 \times 4$ D. 16 × 6         S. $- A + 5 \times 4$ D. 16 × 6         S. $- A + 5 \times 4$ D. 16 × 6         S. $- A + 5 \times 4$ D. 16 × 6         S. $- A + 5 \times 4$ D. 16 × 6         S. $- A + 5 \times 4$ D. 16 × 6         D. 5 × (3 × 4)       D. 8 × 10         7) Which expression is not equal to (5 × 8) × 7       B. 10 × 16         C. (10 × 2) × 8       D. 20 × 8         9) Which expression is not equal to (3 × 5) × 2       A. 3 × (5 × 2)         A. (8 × 2) × 9       A. 3 × (5 × 2)         A. (8 × 2) × 9       A. 3 × (5 × 2)         B. 16 × 9       D. 3 × 10         10) Which expression is not equal to (8 × 5) × 6       C	Finding	Associative Pr	operty Name: A	nswer Key
$(2 \times 5) \times 10$ $(2 \times 4) \times 6$ 1.       C         A, 2 × 50       A, 2 × 24       1.       C         B, 10 × 10       C, 2 × (4 × 6)       2.       B         C, 5 × 10       D, 2 × (5 × 10)       D, 8 × 6       3.       B         3)       Which expression is not equal to 5 × (8 × 4)       A, 7 × 12       B, 5 × 40       4.       D         A, 40 × 4       A, 7 × 12       B, 5 × 40       C, (7 × 2) × 6       5.       A         D, (5 × 8) × 4       D, 16 × 6       6.       C       C         S)       Which expression is not equal to (5 × 3) × 4       D, 16 × 6       6.       C         5)       Which expression is not equal to (5 × 3) × 4       C, 18 × 5       8.       C         D, 5 × (3 × 4)       D, 8 × 10       0.       Which expression is not equal to (5 × 8) × 7       C, 18 × 5       9.       C         D, 5 × (3 × 4)       D, 8 × 10       10 × (2 × 8)       11.       D       11.       D         11.       D       S × (2 × 5)       C, (10 + 2) × 8       11.       D       12.       B         12.       B       N (10 × 2) × 8       D, 20 × 8       11.       D       12.       B         13.	Determine which choice is not an	equivalent equa	tion.	Answer
B. $10 \times 10$ B. $4 \times 6$ 2.       B         C. $5 \times 10$ C. $2 \times (4 \times 6)$ 3.       B         D. $2 \times (5 \times 10)$ D. $8 \times 6$ 3.       B         3)       Which expression is not equal to $5 \times (8 \times 4)$ 7. $(2 \times 6)$ 4.       D         A. $40 \times 4$ A. $7 \times 12$ 5.       A       6.       C         B. $5 \times 40$ C. $(7 \times 2) \times 6$ D. $16 \times 6$ 6.       C         C. $5 \times 32$ C. $(7 \times 2) \times 6$ D. $16 \times 6$ 8.       C         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 8.       C       9.       C         Symbolic expression is not equal to $(5 \times 3) \times 4$ A. $16 \times 5$ 8.       C       9.       C         J. $(5 \times 3) \times 4$ D. $16 \times 6$ 8.       C       9.       C         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.       B       10.       B         T)       Which expression is not equal to $(5 \times 8) \times 7$ B. $10 \times 16$ 10.       B       11.       D         A. $5 \times 48$ A. $(10 \times 2) \times 8$ A. $(10 \times 2) \times 8$ 11.       D       12.       B         9)       Which expression is not equal to $(3 \times 5) \times 2$ $(3 \times$	$(2 \times 5) \times 10$	to 2)	$(2 \times 4) \times 6$	1. <b>C</b>
C. $5 \times 10$ C. $2 \times (4 \times 6)$ 3.       B         J. $2 \times (5 \times 10)$ D. $8 \times 6$ 3.       B         3) Which expression is not equal to $5 \times (8 \times 4)$ A. $7 \times (2 \times 6)$ A. $40 \times 4$ A. $7 \times (2 \times 6)$ A. $40 \times 4$ A. $7 \times (2 \times 6)$ B. $14 \times 6$ 6.       C         C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6.       C         D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.       C         5) Which expression is not equal to $(5 \times 3) \times 4$ O. Which expression is not equal to $(8 \times 2) \times 5$ 6.       C         S. $5 \times 12$ B. $8 \times (2 \times 5)$ C. $18 \times 5$ 9.       C         C. $15 \times 4$ C. $18 \times 5$ 9.       C         D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10.       B         7) Which expression is not equal to $(5 \times 8) \times 7$ B. $10 \times 16$ 10.       B         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11.       D         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.       B         9) Which expression is not equal to $(3 \times 5) \times 2$ $(3 \times 5) \times 2$ 11.       D         B. $5 \times (8 \times 7)$ C. $(10 + 2) \times 8$ 12.       B       12.         9) Which expression is not equal to				<b>B</b>
3)Which expression is not equal to $5 \times (8 \times 4)$ 4)Which expression is not equal to $7 \times (2 \times 6)$ 4.D3. $4$ $7 \times (2 \times 6)$ $4$ $7 \times (2 \times 6)$ $4$ $2$ $A \cdot 40 \times 4$ $A \cdot 7 \times 12$ $B \cdot 14 \times 6$ $5$ $A$ $B \cdot 5 \times 40$ $B \cdot 14 \times 6$ $C \cdot (7 \times 2) \times 6$ $6$ $C$ $D \cdot (5 \times 8) \times 4$ $D \cdot 16 \times 6$ $6$ $C$ 5)Which expression is not equal to $(5 \times 3) \times 4$ $6$ $C \cdot (7 \times 2) \times 6$ $A \cdot 5 \times 15$ $A \cdot 16 \times 5$ $8 \cdot (2 \times 5)$ $B \cdot 5 \times 12$ $B \cdot 8 \times (2 \times 5)$ $9 \cdot C$ $C \cdot 5 \times 3 \times 4$ $C \cdot 18 \times 5$ $9 \cdot C$ $D \cdot 5 \times (3 \times 4)$ $D \cdot 8 \times 10$ $10 \cdot 8 \times 10$ 7)Which expression is not equal to $(5 \times 8) \times 7$ $10 \times (2 \times 8)$ $A \cdot 5 \times 48$ $A \cdot (10 \times 2) \times 8$ $11 \cdot D$ $A \cdot 5 \times 48$ $A \cdot (10 \times 2) \times 8$ $11 \cdot D$ $A \cdot 5 \times 56$ $D \cdot 20 \times 8$ $11 \cdot D$ $9$ Which expression is not equal to $(5 \times 8) \times 7$ $C \cdot (10 + 2) \times 8$ $D \cdot 5 \times 56$ $D \cdot 20 \times 8$ $10 \cdot (3 \times 5) \times 2$ $A \cdot 8 \times 2) \times 9$ $A \cdot 3 \times (5 \times 2)$ $B \cdot 3 + (5 \times 2)$ $B \cdot 16 \times 9$ $C \cdot 15 \times 2$ $C \cdot 15 \times 2$ $D \cdot 8 \times 18$ $D \cdot 3 \times 10$ (1)Which expression is not equal to $(8 \times 5) \times 6$ $(7 \times 2) \times 9$ $A \cdot 40 \times 6$ $A \cdot 7 \times (2 \times 9)$ $B \cdot 8 \times 30$ $B \cdot 12 \times 9$ $C \cdot 8 \times (5 \times 6)$ $C \cdot 7 \times 18$ $D \cdot 8 \times 35$ $D \cdot 14 \times 9$	C. 5 × 10		C. $2 \times (4 \times 6)$	2
$5 \times (8 \times 4)$ $7 \times (2 \times 6)$ 4       2         A. 40 × 4       A. 7 × 12       5.       A         B. 5 × 40       B. 14 × 6       6       6.       C         C. 5 × 32       C. (7 × 2) × 6       6.       C       6.       C         D. (5 × 8) × 4       D. 16 × 6       6.       C       7.       A         S × 15       A. 16 × 5       8.       C       8.       C       8.       C         D. 5 × 3) × 4       D. 16 × 5       8.       C       10.       B       11.       D       12.       B       12.       B       12.       B       12.       B       12.       B       12.	D. $2 \times (5 \times 10)$		D. 8 × 6	3. <b>B</b>
B. $5 \times 40$ B. $14 \times 6$ 5. <b>A</b> C. $5 \times 32$ C. $(7 \times 2) \times 6$ 6. <b>C</b> D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6. <b>C 5</b> ) Which expression is not equal to $(5 \times 3) \times 4$ 6) Which expression is not equal to $(5 \times 3) \times 4$ 7. <b>A</b> A. $5 \times 15$ A. $16 \times 5$ 8. <b>C</b> 8. <b>C</b> B. $5 \times 12$ B. $8 \times (2 \times 5)$ 8. <b>C</b> C. $15 \times 4$ C. $18 \times 5$ 9. <b>C</b> D. $5 \times (3 \times 4)$ D. $8 \times 10$ 10. <b>B 7</b> ) Which expression is not equal to $(5 \times 8) \times 7$ 8) Which expression is not equal to $10 \times (2 \times 8)$ 10. <b>B</b> A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11. <b>D</b> D. $5 \times 56$ D. $20 \times 8$ 12. <b>B 9</b> ) Which expression is not equal to $8 \times (2 \times 9)$ (3 \times 5) \times 2       1. <b>D</b> A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ 12. <b>B</b> D. $5 \times 6$ D. $3 \times 10$ 12       Which expression is not equal to $(7 \times 2) \times 9$ B. $8 \times 30$ C. $15 \times 2$ D. $3 \times 10$ 12       Which expression is not equal to $(7 \times 2) \times 9$ B. $8 \times 30$ B. $12 \times 9$ C. $7 \times 18$ D. $3 \times 10$ 12       Which expression is not equal to $(8 \times 5) \times 6$ <t< td=""><td></td><td>to 4)</td><td></td><td>4. <b>D</b></td></t<>		to 4)		4. <b>D</b>
B. $5 \times 40$ B. $14 \times 6$ C. $5 \times 32$ C. $(7 \times 2) \times 6$ D. $(5 \times 8) \times 4$ D. $16 \times 6$ 5)       Which expression is not equal to $(5 \times 3) \times 4$ 6)         F       Which expression is not equal to $(5 \times 3) \times 4$ 6)         So $(5 \times 3) \times 4$ C. $(7 \times 2) \times 6$ A. $5 \times 15$ A. $16 \times 5$ B. $5 \times 12$ B. $8 \times (2 \times 5)$ C. $15 \times 4$ C. $18 \times 5$ D. $5 \times (3 \times 4)$ D. $8 \times 10$ 7)       Which expression is not equal to $(5 \times 8) \times 7$ A. $5 \times 48$ A. $(10 \times 2) \times 8$ B. $5 \times (8 \times 7)$ B. $10 \times 16$ C. $40 \times 7$ C. $(10 + 2) \times 8$ D. $5 \times 56$ D. $20 \times 8$ 9)       Which expression is not equal to $(3 \times 5) \times 2$ A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ B. $16 \times 9$ C. $15 \times 2$ D. $16 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ (11)       Which expression is not equal to $(7 \times 2) \times 9$ $(8 \times 5) \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$ D. $8 \times 35$ <t< td=""><td></td><td></td><td></td><td>5 <b>A</b></td></t<>				5 <b>A</b>
D. $(5 \times 8) \times 4$ D. $16 \times 6$ 6.       C         5)       Which expression is not equal to $(5 \times 3) \times 4$ 6)       Which expression is not equal to $(8 \times 2) \times 5$ 7.       A         A. $5 \times 15$ A. $16 \times 5$ B. $8 \times (2 \times 5)$ 8.       C       8.       C         D. $5 \times 12$ B. $8 \times (2 \times 5)$ C. $18 \times 5$ 9.       C       0.       B         7.       Mathematical State Stat				J
5) Which expression is not equal to $(5 \times 3) \times 4$ 6) Which expression is not equal to $(5 \times 3) \times 4$ 7. <u>A</u> A. $5 \times 15$ A. $16 \times 5$ B. $8 \times (2 \times 5)$ 7. <u>A</u> B. $5 \times 12$ B. $8 \times (2 \times 5)$ 7. <u>A</u> C. $15 \times 4$ C. $18 \times 5$ 9. <u>C</u> D. $5 \times (3 \times 4)$ D. $8 \times 10$ 9. <u>C</u> 7) Which expression is not equal to $(5 \times 8) \times 7$ B. $10 \times (2 \times 8)$ 10. <u>B</u> A. $5 \times 48$ A. $(10 \times 2) \times 8$ 11. <u>D</u> B. $5 \times (3 \times 7)$ B. $10 \times 16$ 12. <u>B</u> C. $40 \times 7$ C. $(10 + 2) \times 8$ 12. <u>B</u> D. $5 \times 56$ D. $20 \times 8$ 10         Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12. <u>B</u> 9. Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12. <u>B</u> 10. Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 13. $10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ A. $7 \times (2 \times 9)$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $7 \times 18$ A. $14 \times 9$				6. <b>C</b>
3) which expression is not equal to       (5 × 3) × 4       (8 × 2) × 5         A. 5 × 15       A. 16 × 5       8. $(2 × 5)$ B. 5 × 12       B. 8 × (2 × 5)       9. C         (5 × 3) × 4       C. 18 × 5       9. C         7) Which expression is not equal to       (5 × 8) × 7       10 × (2 × 8)         A. 5 × 48       A. (10 × 2) × 8       11. D         B. 5 × (8 × 7)       B. 10 × 16       12. B         C. 40 × 7       C. (10 + 2) × 8       12. B         9) Which expression is not equal to       10) Which expression is not equal to       12. B         9) Which expression is not equal to       10) Which expression is not equal to       12. B         11. D       12. B       11. D         12. B       11. D       12. B         9) Which expression is not equal to       10) Which expression is not equal to       12. B         11. D       12. D       13 × 10       12. C         11. Which expression is not equal to       (7 × 2) × 9       13 × 10         11. Which expression is not equal to       (7 × 2) × 9       14 × 9         12. Which expression is not equal to       (7 × 2) × 9       14 × 9         13. × 10       14 × 9       14 × 9       14 × 9	$\mathbf{D}$ . $(\mathbf{J} \times 0) \times 1$		<b>D</b> . 10 × 0	
B. $5 \times 12$ B. $8 \times (2 \times 5)$ 9.         C. $15 \times 4$ C. $18 \times 5$ D. $5 \times (3 \times 4)$ D. $8 \times 10$ 7)       Which expression is not equal to $(5 \times 8) \times 7$ B. $8 \times (2 \times 8)$ A. $5 \times 48$ A. $(10 \times 2) \times 8$ B. $5 \times (8 \times 7)$ B. $10 \times 16$ C. $(10 + 2) \times 8$ D. $20 \times 8$ 9)       Which expression is not equal to $8 \times (2 \times 9)$ C. $(10 + 2) \times 8$ A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ B. $16 \times 9$ C. $15 \times 2$ C. $18 \times 9$ D. $3 \times 10$ 11)       Which expression is not equal to $(3 \times 5) \times 2$ B. $8 \times 18$ D. $3 \times 10$ 11)       Which expression is not equal to $(7 \times 2) \times 9$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$ D. $8 \times 35$ D. $14 \times 9$		to <b>6</b> )		7. <u>A</u>
C. $15 \times 4$ C. $18 \times 5$ 9.       C         7)       Which expression is not equal to $(5 \times 8) \times 7$ 8)       Which expression is not equal to $10 \times (2 \times 8)$ 10.       B         A. $5 \times 48$ A. $(10 \times 2) \times 8$ 10.       11.       D         B. $5 \times (8 \times 7)$ B. $10 \times 16$ 12.       B         (5 $40 \times 7$ C. $(10 + 2) \times 8$ 12.       B         9)       Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.       B         9)       Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.       B         9)       Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.       B         9)       Which expression is not equal to $8 \times (2 \times 9)$ A. $3 \times (5 \times 2)$ 12.       B         10)       Which expression is not equal to $(7 \times 2) \times 9$ A. $3 \times (5 \times 2)$ 13.       10.         11)       Which expression is not equal to $(7 \times 2) \times 9$ 14.       10.       10.       10.         11)       Which expression is not equal to $(7 \times 2) \times 9$ 10.       10.       10.       10.         11)       Which expression is not equal to $(7 \times 2) \times 9$ 10.       10.       10. <t< td=""><td></td><td></td><td></td><td>8.</td></t<>				8.
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7) Which expression is not equal to $(5 \times 8) \times 7$ A. $5 \times 48$ B. $5 \times (8 \times 7)$ C. $40 \times 7$ D. $5 \times 56$ 8) Which expression is not equal to $10 \times (2 \times 8)$ A. $(10 \times 2) \times 8$ B. $10 \times 16$ C. $(10 + 2) \times 8$ D. $20 \times 8$ 11.       12.         9) Which expression is not equal to $8 \times (2 \times 9)$ A. $(8 \times 2) \times 9$ B. $16 \times 9$ C. $18 \times 9$ D. $8 \times 18$ 10) Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ D. $8 \times 35$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ B. $8 \times 30$ C. $7 \times 18$ D. $8 \times 35$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ B. $8 \times 35$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ B. $12 \times 9$ C. $7 \times 18$ D. $14 \times 9$ 10 $82   75   67   58   50   42   33   25   51   51   51   51   51   51   51$	$\mathbf{D}.\mathbf{J}\times(\mathbf{J}\times4)$		$D.8 \times 10$	10 <b>B</b>
A. $5 \times 48$ A. $(10 \times 2) \times 8$ Image: 10 minipage interpretation is not equal to interpretation interpretation is not equal		to <b>8</b> )		
C. $40 \times 7$ C. $(10 + 2) \times 8$ 12.         D. $5 \times 56$ D. $20 \times 8$ 9) Which expression is not equal to $8 \times (2 \times 9)$ 10) Which expression is not equal to $(3 \times 5) \times 2$ A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ B. $16 \times 9$ C. $15 \times 2$ C. $18 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$ D. $8 \times 35$ D. $14 \times 9$	A. 5 × 48		A. $(10 \times 2) \times 8$	
D. $5 \times 56$ D. $20 \times 8$ 9) Which expression is not equal to $8 \times (2 \times 9)$ A. $(8 \times 2) \times 9$ B. $16 \times 9$ C. $18 \times 9$ D. $8 \times 18$ 10) Which expression is not equal to $(3 \times 5) \times 2$ A. $3 \times (5 \times 2)$ B. $3 + (5 \times 2)$ C. $15 \times 2$ D. $3 \times 10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ A. $40 \times 6$ B. $8 \times 30$ C. $8 \times (5 \times 6)$ D. $8 \times 35$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $7 \times (2 \times 9)$ B. $12 \times 9$ C. $7 \times 18$ D. $14 \times 9$				12. <b>B</b>
9) Which expression is not equal to $8 \times (2 \times 9)$ 10) Which expression is not equal to $(3 \times 5) \times 2$ A. $(8 \times 2) \times 9$ A. $3 \times (5 \times 2)$ B. $16 \times 9$ B. $3 + (5 \times 2)$ C. $18 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$ D. $8 \times 35$ D. $14 \times 9$				
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C. $18 \times 9$ C. $15 \times 2$ D. $8 \times 18$ D. $3 \times 10$ 11) Which expression is not equal to $(8 \times 5) \times 6$ 12) Which expression is not equal to $(7 \times 2) \times 9$ A. $40 \times 6$ A. $7 \times (2 \times 9)$ B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$ D. $8 \times 35$ D. $14 \times 9$				
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B. $8 \times 30$ B. $12 \times 9$ C. $8 \times (5 \times 6)$ C. $7 \times 18$ D. $8 \times 35$ D. $14 \times 9$	· 1 1	to <b>12</b> )		
C. $8 \times (5 \times 6)$ D. $8 \times 35$ C. $7 \times 18$ D. $14 \times 9$	A. $40 \times 6$			
D. 8 × 35 D. 14 × 9				
	$D. 8 \times 35$		D. 14 × 9	
Math $1-10$ $92$ $85$ $73$ $67$ $38$ $30$ $42$ $33$ $23$ 11-12       8       0       0       0       0       0	Math		<b>1</b> -10 92 83	75 67 58 50 42 33 25 1

	Finding Associative	e Pro	operty Name:	
Determ	ine which choice is not an equivalent e	qua	tion.	Answers
1) W	hich expression is not equal to	2)	Which expression is not equal to	
	$\times (4 \times 9)$		$3 \times (5 \times 4)$	1.
A.	( 6+4 ) × 9		A. $10 \times 4$	
B.	$6 \times 36$		B. 15 × 4	2.
C.	$24 \times 9$		C. $3 \times 20$	
D.	( 6 × 4 ) × 9		D. $(3 \times 5) \times 4$	3
	hich expression is not equal to $\times (5 \times 2)$	4)	Which expression is not equal to $2 \times (7 \times 5)$	4
	$(3 \times 5) \times 2$		$A. (2 \times 7) \times 5$	
	$(3 \times 3) \times 2$ $15 \times 2$		B. $14 \times 5$	5.
	$3 \times 10$		C. $(2+7) \times 5$	
	$3 \times 10$ $3 \times 15$		D. $2 \times 35$	6.
D.	5 × 15		$\mathbf{D}.\ 2\times 33$	
	hich expression is not equal to $(0 \times 6) \times 4$	6)	Which expression is not equal to $(2 \times 3) \times 9$	7
A.	$10 \times 24$		A. $2 \times 27$	8.
B.	10 + ( 6 × 4 )		B. 6 × 9	
C.	$60 \times 4$		C. $2 \times 24$	9.
D.	$10 \times (6 \times 4)$		D. $2 \times (3 \times 9)$	
	hich expression is not equal to $2 \times 7$ ) $\times 5$	8)	Which expression is not equal to $(10 \times 4) \times 5$	10
A.	$2 \times 35$		A. $10 + (4 \times 5)$	
B.	$2 \times (7 \times 5)$		B. $40 \times 5$	12.
C.	$14 \times 5$		C. $10 \times 20$	12.
D.	$21 \times 5$		D. $10 \times (4 \times 5)$	
	hich expression is not equal to $\times$ ( 7 $\times$ 8 )	10)	Which expression is not equal to $7 \times (10 \times 3)$	
A.	$(9 \times 7) \times 8$		A. $7 \times 30$	
B.	9 × 56		B. $7 \times 20$	
C.	$56 \times 8$		C. 70 × 3	
D.	$63 \times 8$		D. ( $7 \times 10$ ) × 3	
	hich expression is not equal to $\times (3 \times 7)$	12)	Which expression is not equal to $10 \times (8 \times 2)$	
A.	$(2+3) \times 7$		A. $(10 \times 8) \times 2$	
	6 × 7		B. $80 \times 2$	
C.	(2×3)×7		C. 10 × 16	
	$2 \times 21$		D. 10 × 24	
			<b>−</b> 1-10 92 83 75 67 58 50	

Math

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5

	Finding Associative	Pro	operty Name: Answer K	ey
Dete	ermine which choice is not an equivalent eq	uat	tion.	Answers
1)	$6 \times (4 \times 9)$	2)	Which expression is not equal to $3 \times (5 \times 4)$	1. <b>A</b>
	A. $(6+4) \times 9$		A. 10 × 4	
	B. $6 \times 36$		B. $15 \times 4$	2. <u>A</u>
	C. $24 \times 9$		$C. 3 \times 20$	
	D. $(6 \times 4) \times 9$		D. $(3 \times 5) \times 4$	3. <b>D</b>
3)	Which expression is not equal to $3 \times (5 \times 2)$	4)	Which expression is not equal to $2 \times (7 \times 5)$	4. <b>C</b>
	A. $(3 \times 5) \times 2$		A. $(2 \times 7) \times 5$	5. <b>B</b>
	B. $15 \times 2$		B. 14 × 5	5
	C. $3 \times 10$		C. $(2+7) \times 5$	C
	D. 3 × 15		D. 2 × 35	6
5)	Which expression is not equal to $(10 \times 6) \times 4$	6)	Which expression is not equal to $(2 \times 3) \times 9$	7. <b>D</b>
	A. 10 × 24		A. $2 \times 27$	8. <b>A</b>
	B. $10 + (6 \times 4)$		B. $6 \times 9$	
	C. $60 \times 4$		C. $2 \times 24$	9. <b>C</b>
	D. $10 \times (6 \times 4)$		D. $2 \times (3 \times 9)$	
				10. <b>B</b>
7)	Which expression is not equal to $(2 \times 7) \times 5$	8)	Which expression is not equal to $(10 \times 4) \times 5$	11. <b>A</b>
	A. $2 \times 35$		A. $10 + (4 \times 5)$	
	B. $2 \times (7 \times 5)$		B. $40 \times 5$	12. <b>D</b>
	C. 14 × 5		C. $10 \times 20$	
	D. 21 × 5		D. $10 \times (4 \times 5)$	
9)	Which expression is not equal to1 $9 \times (7 \times 8)$	0)	Which expression is not equal to $7 \times (10 \times 3)$	
	A. $(9 \times 7) \times 8$		A. $7 \times 30$	
	B. 9 × 56		B. 7 × 20	
	C. $56 \times 8$		C. $70 \times 3$	
	D. 63 × 8		D. $(7 \times 10) \times 3$	
11)	Which expression is not equal to $1 \\ 2 \times (3 \times 7)$	2)	Which expression is not equal to $10 \times (8 \times 2)$	
	A. $(2+3) \times 7$		A. $(10 \times 8) \times 2$	
	B. $6 \times 7$		<b>B</b> . $80 \times 2$	
	C. $(2 \times 3) \times 7$		C. 10 × 16	
	D. 2 × 21		D. 10 × 24	
	Math www.CommonCoreSheets.com	l	1-10         92         83         75         67         58         50           11-12         8         0	42 33 25 17

<ul> <li>(5</li> <li>A.</li> <li>B. 3</li> <li>C. 3</li> <li>D.</li> <li>3) WF</li> <li>3 ×</li> <li>A.</li> <li>B. 6</li> <li>C. 7</li> <li>MF</li> <li>7 ×</li> <li>A.</li> <li>B. 7</li> <li>A.</li> <li>B. 8</li> <li>A.</li> <li>B. 9</li> <li>WF</li> <li>A.</li> <li>B. 9</li> </ul>	hich expression is not equal to $\times 7 \times 9$ $5 + (7 \times 9)$ $35 \times 9$ $5 \times (7 \times 9)$ $5 \times 63$ hich expression is not equal to $\propto (7 \times 9)$ $3 \times 70$ $(3 \times 7) \times 9$ $3 \times 63$ $21 \times 9$ hich expression is not equal to $\propto (5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	4)	Which expression is not equal to $5 \times (7 \times 2)$ A. $35 \times 2$ B. $(5 \times 7) \times 2$ C. $(5 + 7) \times 2$ D. $5 \times 14$ Which expression is not equal to $3 \times (7 \times 4)$ A. $21 \times 4$ B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$ D. $7 \times 40$	1.         2.         3.         4.         5.         6.         7.         8.         9.
<ul> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>Wh</li> <li>3 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>Wh</li> <li>6 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$5 + (7 \times 9)$ $35 \times 9$ $5 \times (7 \times 9)$ $5 \times 63$ Thich expression is not equal to $((7 \times 9))$ $3 \times 70$ $((3 \times 7) \times 9)$ $3 \times 63$ $21 \times 9$ Thich expression is not equal to $((5 \times 4))$ $30 \times 4$ $35 \times 4$ $((7 \times 5)) \times 4$ $7 \times 20$		A. $35 \times 2$ B. $(5 \times 7) \times 2$ C. $(5+7) \times 2$ D. $5 \times 14$ Which expression is not equal to $3 \times (7 \times 4)$ A. $21 \times 4$ B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	2.
<ul> <li>B. 3</li> <li>C. 4</li> <li>D. 3</li> <li>3) Wh</li> <li>3 ×</li> <li>A.</li> <li>B. 6</li> <li>C. 6</li> <li>D.</li> <li>5) Wh</li> <li>7 ×</li> <li>A.</li> <li>B. 6</li> <li>C. 6</li> <li>D.</li> <li>7) Wh</li> <li>6 ×</li> <li>A.</li> <li>B. 6</li> <li>C. 6</li> <li>D.</li> <li>7) Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$35 \times 9$ $5 \times (7 \times 9)$ $5 \times 63$ Thich expression is not equal to $(7 \times 9)$ $3 \times 70$ $(3 \times 7) \times 9$ $3 \times 63$ $21 \times 9$ Thich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$		B. $(5 \times 7) \times 2$ C. $(5+7) \times 2$ D. $5 \times 14$ Which expression is not equal to $3 \times (7 \times 4)$ A. $21 \times 4$ B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	3.
C. $:$ D. 3) Wh $3 \times$ A. B. C. D. 5) Wh $7 \times$ A. B. C. D. 7) Wh $6 \times$ A. B. C. D. 9) Wh $8 \times$ A. B. C. D. 9) Wh	$5 \times (7 \times 9)$ $5 \times 63$ Thich expression is not equal to $((7 \times 9))$ $3 \times 70$ $((3 \times 7) \times 9)$ $3 \times 63$ $21 \times 9$ Thich expression is not equal to $((5 \times 4))$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$		C. $(5+7) \times 2$ D. $5 \times 14$ Which expression is not equal to $3 \times (7 \times 4)$ A. $21 \times 4$ B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	3.
<ul> <li>D.</li> <li>3) WH</li> <li>3 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>5) WH</li> <li>7 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>7) WH</li> <li>6 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>9) WH</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$5 \times 63$ Thich expression is not equal to $((7 \times 9))$ $3 \times 70$ $((3 \times 7) \times 9)$ $3 \times 63$ $21 \times 9$ Thich expression is not equal to $((5 \times 4))$ $30 \times 4$ $35 \times 4$ $((7 \times 5)) \times 4$ $7 \times 20$		D. $5 \times 14$ Which expression is not equal to $3 \times (7 \times 4)$ A. $21 \times 4$ B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	4 5 6 7 8
<ul> <li>3) Wh 3 × A.</li> <li>B. 0</li> <li>C. 1</li> <li>D.</li> <li>5) Wh 7 × A.</li> <li>B. 1</li> <li>C. 0</li> <li>D.</li> <li>7) Wh 6 × A.</li> <li>B. 0</li> <li>C. 0</li> <li>D.</li> <li>9) Wh 8 × A.</li> <li>B.</li> </ul>	thich expression is not equal to $((7 \times 9))$ $(3 \times 70)$ $((3 \times 7) \times 9)$ $(3 \times 63)$ $(21 \times 9)$ Thich expression is not equal to $((5 \times 4))$ $(30 \times 4)$ $(35 \times 4)$ $(7 \times 5) \times 4$ $(7 \times 5) \times 4$		Which expression is not equal to $3 \times (7 \times 4)$ A. 21 × 4 B. $(3 \times 7) \times 4$ C. 14 × 4 D. 3 × 28 Which expression is not equal to $7 \times (8 \times 6)$ A. 56 × 6 B. 7 × 48 C. $(7 \times 8) \times 6$	4 5 6 7 8
3 × A. B. C. D. 5) Wh 7 × A. B. C. D. 7) Wh 6 × A. B. C. D. 9) Wh 8 × A. B.	$(7 \times 9)$ $3 \times 70$ $(3 \times 7) \times 9$ $3 \times 63$ $21 \times 9$ hich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$		$3 \times (7 \times 4)$ A. 21 × 4 B. $(3 \times 7) \times 4$ C. 14 × 4 D. 3 × 28 Which expression is not equal to $7 \times (8 \times 6)$ A. 56 × 6 B. 7 × 48 C. $(7 \times 8) \times 6$	5.         6.         7.         8.
<ul> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>5) Wh</li> <li>7 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>7) Wh</li> <li>6 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>9) Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$3 \times 70$ (3 × 7) × 9 3 × 63 21 × 9 hich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ (7 × 5) × 4 7 × 20	6)	A. $21 \times 4$ B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	5.         6.         7.         8.
<ul> <li>B. 6</li> <li>C. 7</li> <li>D.</li> <li>5) Wh</li> <li>7 ×</li> <li>A.</li> <li>B. 7</li> <li>C. 6</li> <li>D.</li> <li>7) Wh</li> <li>6 ×</li> <li>A.</li> <li>B. 6</li> <li>C. 6</li> <li>D.</li> <li>9) Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$(3 \times 7) \times 9$ $3 \times 63$ $21 \times 9$ Thich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	6)	B. $(3 \times 7) \times 4$ C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	6 7 8
C. $:$ D. 5) Wh $7 \times$ A. B. $:$ C. $:$ D. 7) Wh $6 \times$ A. B. $:$ C. 0. 9) Wh $8 \times$ A. B. 2. 0. 10. 10. 10. 10. 10. 10. 10. 10. 10.	$3 \times 63$ $21 \times 9$ hich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	6)	C. $14 \times 4$ D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	6 7 8
<ul> <li>D.</li> <li>5) Wh</li> <li>7 ×</li> <li>A.</li> <li>B. 1</li> <li>C. 1</li> <li>D.</li> <li>7) Wh</li> <li>6 ×</li> <li>A.</li> <li>B. 1</li> <li>C. 1</li> <li>D.</li> <li>9) Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$21 \times 9$ hich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	6)	D. $3 \times 28$ Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	7
<ul> <li>5) Wh 7 × A.</li> <li>B. 3</li> <li>C. 6</li> <li>D.</li> <li>7) Wh 6 × A.</li> <li>B. 6</li> <li>C. 6</li> <li>D.</li> <li>9) Wh 8 × A.</li> <li>B.</li> </ul>	hich expression is not equal to $(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	6)	Which expression is not equal to $7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	7
7 × A. B. 3 C. D. 7) Wh 6 × A. B. D. 9) Wh 8 × A. B.	$(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	6)	$7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	8.
7 × A. B. 3 C. D. 7) Wh 6 × A. B. D. 9) Wh 8 × A. B.	$(5 \times 4)$ $30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$	.,	$7 \times (8 \times 6)$ A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	
A. B. C. D. 7) Wh 6 × A. B. C. D. 9) Wh 8 × A. B.	$30 \times 4$ $35 \times 4$ $(7 \times 5) \times 4$ $7 \times 20$		A. $56 \times 6$ B. $7 \times 48$ C. $(7 \times 8) \times 6$	
C. ( D. 7) Wh 6 × A. B. ( C. ( D. 9) Wh 8 × A. B.	$(7 \times 5) \times 4$ $7 \times 20$		C. $(7 \times 8) \times 6$	9.
<ul> <li>D.</li> <li>T) Wh</li> <li>6 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>9) Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$7 \times 20$			9
<ul> <li>D.</li> <li>T) Wh</li> <li>6 ×</li> <li>A.</li> <li>B.</li> <li>C.</li> <li>D.</li> <li>9) Wh</li> <li>8 ×</li> <li>A.</li> <li>B.</li> </ul>	$7 \times 20$			
6 × A. B. C. D. 9) Wh 8 × A. B.	nich expression is not equal to			11
6 × A. B. C. D. 9) Wh 8 × A. B.	nich expression is not equal to			10
A. B. C. D. 9) Wh 8 × A. B.		8)	Which expression is not equal to	
B. ( C. ( D. 9) Wh 8 × A. B.	< (2×3)		$6 \times (5 \times 4)$	11.
C. ( D. 9) Wh 8 × A. B.	$12 \times 3$		A. $(6+5) \times 4$	
D. 9) Wh 8 × A. B.	$(6 \times 2) \times 3$		B. $30 \times 4$	12.
9) Wh 8 × A. B.	$6 \times 4$		C. $(6 \times 5) \times 4$	
8 × A. B.	$6 \times 6$		D. $6 \times 20$	
8 × A. B.	nich expression is not equal to	10)	Which expression is not equal to	
В.	$(2 \times \overline{7})$		$7 \times (5 \times 3)$	
	$16 \times 7$		A. 7 × 15	
C	$18 \times 7$		B. $(7 \times 5) \times 3$	
С.	$8 \times 14$		C. 35 × 3	
D.	$(8 \times 2) \times 7$		D. $(7+5) \times 3$	
1) Wh	hich expression is not equal to	12)	Which expression is not equal to	
	$\times 10$ ) $\times 4$		$10 \times (7 \times 9)$	
	$60 \times 4$		A. $(10+7) \times 9$	
	$6 \times 40$		B. $10 \times 63$	
	$6 + (10 \times 4)$		C. $(10 \times 7) \times 9$	
	U T ( 1U A H )		D. $70 \times 9$	
	$6 + (10 \times 4)$ $6 \times (10 \times 4)$			

	Finding Associative F	Pro	operty Name: Answer K	ley	
Dete	ermine which choice is not an equivalent equ	ıat	ion.	An	swers
1)	$(5 \times 7) \times 9$	2)	Which expression is not equal to $5 \times (7 \times 2)$	1	A
	A. $5 + (7 \times 9)$ B. $35 \times 9$		A. $35 \times 2$ B. $(5 \times 7) \times 2$		С
	$C.5 \times (7 \times 9)$		$C.(5+7) \times 2$	2	<u> </u>
	D. $5 \times 63$		D. $5 \times 14$	3.	A
3)	Which expression is not equal to $3 \times (7 \times 9)$ 4	I)	Which expression is not equal to $3 \times (7 \times 4)$	4	С
	A. 3 × 70		A. 21 × 4	5.	Α
	B. $(3 \times 7) \times 9$		B. $(3 \times 7) \times 4$	₿ <sup>5.</sup> -	
	C. 3 × 63		C. 14 × 4	6.	D
	D. 21 × 9		D. $3 \times 28$	0	
5)	Which expression is not equal to $7 \times (5 \times 4)$	<b>6</b> )	Which expression is not equal to $7 \times (8 \times 6)$	7.	С
	A. $30 \times 4$		A. $56 \times 6$	8.	Α
	B. $35 \times 4$		B. 7 × 48		_
	C. $(7 \times 5) \times 4$		C. $(7 \times 8) \times 6$	9.	B
	D. 7 × 20		D. 7 × 40		n
7)	Which expression is not equal to $6 \times (2 \times 3)$	8)	Which expression is not equal to $6 \times (5 \times 4)$	10	C
	A. 12 × 3		A. $(6+5) \times 4$	-	
	B. $(6 \times 2) \times 3$		B. $30 \times 4$	12.	Α
	C. 6 × 4		C. $(6 \times 5) \times 4$		
	D. $6 \times 6$		D. $6 \times 20$		
<b>9</b> )	Which expression is not equal to10 $8 \times (2 \times 7)$	))	Which expression is not equal to $7 \times (5 \times 3)$		
	A. 16 × 7		A. 7 × 15		
	B. 18 × 7		B. $(7 \times 5) \times 3$		
	C. $8 \times 14$		C. $35 \times 3$		
	D. $(8 \times 2) \times 7$		D. $(7+5) \times 3$		
11)	Which expression is not equal to12 $(6 \times 10) \times 4$	2)	Which expression is not equal to $10 \times (7 \times 9)$		
	A. 60 × 4		A. $(10+7) \times 9$		
	B. $6 \times 40$		B. 10 × 63		
	C. $6 + (10 \times 4)$		C. $(10 \times 7) \times 9$		
	$D. 6 \times (10 \times 4)$		D. 70 × 9		
	Math www.CommonCoreSheets.com		6 1-10 92 83 75 67 58 50 11-12 8 0	42 3	3 25 17

Dete	ermine which choice is not an equival	ent equat	tion.	Answers
1)	Which expression is not equal to	2)	Which expression is not equal to	
	$(6 \times 10) \times 4$		$(4 \times 6) \times 3$	1.
	A. $60 \times 4$		A. 24 × 3	
	<b>B.</b> $6 \times 40$		B. $4 \times (6 \times 3)$	2.
	C. $70 \times 4$		C. $4 \times 18$	
	D. $6 \times (10 \times 4)$		D. $4 + (6 \times 3)$	3
3)	Which expression is not equal to	4)	Which expression is not equal to	4.
	$(10 \times 5) \times 3$		$(10 \times 3) \times 4$	
	A. $10 \times (5 \times 3)$		A. $10 \times 9$	5.
	B. 10 × 15		B. $10 \times (3 \times 4)$	
	C. $10 \times 10$		C. $30 \times 4$	6.
	D. $50 \times 3$		D. 10 × 12	0.
5)	Which expression is not equal to	6)	Which expression is not equal to	7
	$(7 \times 9) \times 2$		$7 \times (9 \times 6)$	
	A. $7 \times (9 \times 2)$		A. $(7 \times 9) \times 6$	8.
	<b>B.</b> 7 × 18		B. 7 × 54	
	C. 7 × 9		C. $63 \times 6$	9.
	D. $63 \times 2$		D. 54 × 6	
7)	Which approacion is not equal to	8)	Which expression is not equal to	10
"	Which expression is not equal to $3 \times (8 \times 4)$	0)	Which expression is not equal to $(8 \times 5) \times 2$	
	$A. (3 \times 8) \times 4$		$A. 8 \times 15$	11
	B. $24 \times 4$		$B. 8 \times (5 \times 2)$	
	$C. 3 \times 24$		$C. 8 \times 10$	12
	D. $3 \times 32$		D. $40 \times 2$	
9)	Which expression is not equal to $(8 \times 2) \times 6$	10)	Which expression is not equal to $6 \times (2 \times 9)$	
	A. 16 × 6		A. $(6+2) \times 9$	
	B. 8 × 12		B. 12 × 9	
	C. $8 \times (2 \times 6)$		C. 6 × 18	
	D. 8 × 14		D. ( $6 \times 2$ ) $\times 9$	
11)	Which expression is not equal to $3 \times (8 \times 2)$	12)	Which expression is not equal to $(3 \times 2) \times 7$	
	A. $(3 \times 8) \times 2$		A. 3 × 14	
	B. $24 \times 2$		B. $3 + (2 \times 7)$	
	$C.3 \times 16$		C. 6 × 7	
	D. $(3+8) \times 2$		D. $3 \times (2 \times 7)$	

Math

 1-10
 92
 83
 75
 67
 58
 50
 42
 33
 25
 17

 11-12
 8
 0

	Finding Associa	tive Pr	operty Name: Answer	Key
Dete	ermine which choice is not an equivale	nt equa	tion.	Answers
1)	Which expression is not equal to ( $6 \times 10$ ) $\times 4$ A. $60 \times 4$	2)	Which expression is not equal to ( $4 \times 6$ ) $\times 3$ A. $24 \times 3$	1. <u>C</u>
	B. $6 \times 40$ C. $70 \times 4$ D. $6 \times (10 \times 4)$		B. $4 \times (6 \times 3)$ C. $4 \times 18$ D. $4 + (6 \times 3)$	2. <b>D</b>
3)	Which expression is not equal to ( $10 \times 5$ ) $\times 3$	4)	Which expression is not equal to ( $10 \times 3$ ) $\times 4$	3. <u>C</u> 4. <u>A</u>
	( $10 \times 5$ ) × 5 A. $10 \times (5 \times 3)$ B. $10 \times 15$ C. $10 \times 10$		( $10 \times 3$ ) × 4 A. $10 \times 9$ B. $10 \times (3 \times 4)$ C. $30 \times 4$	5. <u>C</u>
-	D. 50 × 3		D. 10 × 12	6. <b>D</b> 7. <b>C</b>
5)	Which expression is not equal to $(7 \times 9) \times 2$ A. $7 \times (9 \times 2)$ D. $7 = 10$	6)	Which expression is not equal to $7 \times (9 \times 6)$ A. $(7 \times 9) \times 6$ D. $7 = 54$	8. <u>A</u>
	B. 7 × 18 C. 7 × 9 D. 63 × 2		B. $7 \times 54$ C. $63 \times 6$ D. $54 \times 6$	9. <b>D</b>
7)	Which expression is not equal to $3 \times (8 \times 4)$	8)	Which expression is not equal to $(8 \times 5) \times 2$	10. <u>A</u> 11. <u>D</u>
	A. $(3 \times 8) \times 4$ B. $24 \times 4$ C. $3 \times 24$ D. $3 \times 32$		A. $8 \times 15$ B. $8 \times (5 \times 2)$ C. $8 \times 10$ D. $40 \times 2$	12. <b>B</b>
9)	D. $3 \times 32$ Which expression is not equal to	10)	D. $40 \times 2$ Which expression is not equal to	
	$(8 \times 2) \times 6$ A. 16 × 6 B. 8 × 12 C. 8 × (2 × 6) D. 8 × 14	,	$6 \times (2 \times 9)$ A. $(6+2) \times 9$ B. $12 \times 9$ C. $6 \times 18$ D. $(6 \times 2) \times 9$	
11)	Which expression is not equal to $3 \times (8 \times 2)$	12)	Which expression is not equal to $(3 \times 2) \times 7$	
	A. ( 3 × 8 ) × 2 B. 24 × 2 C. 3 × 16		A. $3 \times 14$ B. $3 + (2 \times 7)$ C. $6 \times 7$	
	D. $(3+8) \times 2$		D. $3 \times (2 \times 7)$	
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	Finding Associativ	e Pro	operty Name:				
Determine which choice is not an equivalent equation. <u>Answers</u>							
1)	Which expression is not equal to	2)	Which expression is not equal to				
	$(9 \times 6) \times 10$	,	$2 \times (6 \times 3)$	1.			
	A. $54 \times 10$		A. $2 \times 18$				
	B. 9 + ( 6 × 10 )		B. $(2+6) \times 3$	2.			
	C. 9 × 60		C. $(2 \times 6) \times 3$				
	D. 9 × ( 6 × 10 )		D. 12 × 3	3			
3)	Which expression is not equal to $(6 \times 8) \times 5$	4)	Which expression is not equal to $6 \times (5 \times 9)$	4			
	A. $48 \times 5$		A. $(6 \times 5) \times 9$	_			
	B. $6 \times (8 \times 5)$		B. 6 × 50	5			
	C. 6 × 40		C. 6 × 45				
	D. 40 × 5		D. $30 \times 9$	6			
5)	Which expression is not equal to $4 \times (5 \times 3)$	6)	Which expression is not equal to $8 \times (9 \times 2)$	7			
	A. $20 \times 3$		A. $(8 \times 9) \times 2$	8.			
	B. 4 × 15		B. $(8+9) \times 2$				
	C. $(4+5) \times 3$		C. $72 \times 2$	9.			
	D. $(4 \times 5) \times 3$		D. 8 × 18				
				10.			
7)	Which expression is not equal to	8)	Which expression is not equal to				
	8  imes (7  imes 3)		$2 \times (8 \times 9)$	11.			
	A. $56 \times 3$		A. 16 × 9				
	B. $(8 \times 7) \times 3$		B. $2 \times 80$	12.			
	C. 8 × 21		C. $(2 \times 8) \times 9$				
	D. 8 × 28		D. $2 \times 72$				
9)	Which expression is not equal to $4 \times (9 \times 3)$	10)	Which expression is not equal to $(4 \times 9) \times 7$				
	A. $4 \times 27$		A. 4 × 63				
	B. $(4 \times 9) \times 3$		B. $36 \times 7$				
	C. $36 \times 3$		C. $45 \times 7$				
	D. $(4+9) \times 3$		D. $4 \times (9 \times 7)$				
11)	Which expression is not equal to $(0 \times 10) \times 8$	12)	Which expression is not equal to $5 \times (9 \times 4)$				
	$(9 \times 10) \times 8$ A. $9 \times (10 \times 8)$		$3 \times (9 \times 4)$ A. $5 \times 45$				
	$\mathbf{A}. 9 \times (10 \times 8)$ $\mathbf{B}. 100 \times 8$						
	$\begin{array}{c} \text{B. } 100 \times 8 \\ \text{C. } 9 \times 80 \end{array}$		B. $(5 \times 9) \times 4$ C. $5 \times 36$				
	$D. 90 \times 8$		D. $45 \times 4$				
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ete	rmine which choice is not an equival	ent equat	tion.	Answe
	Which expression is not equal to	-	Which expression is not equal to	
_,	$(9 \times 6) \times 10$	_,	$2 \times (6 \times 3)$	<b>B</b>
	A. 54 × 10		A. $2 \times 18$	1
	B. $9 + (6 \times 10)$		B. $(2+6) \times 3$	2. <b>B</b>
	$C. 9 \times 60$		$C.(2 \times 6) \times 3$	2
	D. $9 \times (6 \times 10)$		D. $12 \times 3$	3. <b>D</b>
<b>3</b> )	Which expression is not equal to	4)	Which expression is not equal to	
5)	$(6 \times 8) \times 5$		$6 \times (5 \times 9)$	4. <b>B</b>
	$A. 48 \times 5$		A. $(6 \times 5) \times 9$	
	B. $6 \times (8 \times 5)$		$B. 6 \times 50$	5. <b>C</b>
	<b>b.</b> $0 \times (8 \times 5)$ <b>c.</b> $6 \times 40$		C. 6 × 45	
				6. <b>B</b>
	D. 40 × 5		D. 30 × 9	
5)	Which expression is not equal to	6)	Which expression is not equal to	7. <b>D</b>
	$4 \times (5 \times 3)$		8  imes (9  imes 2)	<b>_</b>
	A. 20 × 3		A. $(8 \times 9) \times 2$	8. <b>B</b>
	B. 4 × 15		B. $(8+9) \times 2$	
	C. $(4+5) \times 3$		C. $72 \times 2$	9. <b>D</b>
	D. $(4 \times 5) \times 3$		D. 8 × 18	
				10. <b>C</b>
7)	Which expression is not equal to	8)	Which expression is not equal to	
	$8 \times (7 \times 3)$		$2 \times (8 \times 9)$	11. <b>B</b>
	A. $56 \times 3$		A. $16 \times 9$	
	B. $(8 \times 7) \times 3$		B. $2 \times 80$	12. <b>A</b>
	C. 8 × 21		C. $(2 \times 8) \times 9$	
	D. $8 \times 28$		D. $2 \times 72$	
9)	Which expression is not equal to	10)	Which expression is not equal to	
	$4 \times (9 \times 3)$		$(4 \times 9) \times 7$	
	A. $4 \times 27$		A. 4 × 63	
	B. $(4 \times 9) \times 3$		B. $36 \times 7$	
	C. 36 × 3		C. $45 \times 7$	
	D. $(4+9) \times 3$		D. $4 \times (9 \times 7)$	
l)	Which expression is not equal to	12)	Which expression is not equal to	
	$(9 \times 10) \times 8$		$5 \times (9 \times 4)$	
	A. $9 \times (10 \times 8)$		A. 5 × 45	
	B. 100 × 8		B. $(5 \times 9) \times 4$	
	$C. 9 \times 80$		C. 5 × 36	
	$D.90 \times 8$		$D. 45 \times 4$	

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Dete	ermine which choice is not an equival	ent equat	tion.	Answers
1)	Which expression is not equal to	2)	Which expression is not equal to	
	$(4 \times 10) \times 8$		$(8 \times 10) \times 3$	1.
	A. $4 \times (10 \times 8)$		A. 80 × 3	
	<b>B.</b> $40 \times 8$		B. 8 + ( $10 \times 3$ )	2.
	C. $4 \times 80$		C. $8 \times (10 \times 3)$	
	D. 4 × 90		D. 8 × 30	3
3)	Which expression is not equal to	4)	Which expression is not equal to	4.
	10  imes (3  imes 6)		$8 \times (6 \times 4)$	
	A. $10 \times 18$		A. $(8+6) \times 4$	5.
	B. $(10 \times 3) \times 6$		B. $48 \times 4$	J
	C. $30 \times 6$		C. $(8 \times 6) \times 4$	
	D. $(10+3) \times 6$		D. 8 × 24	6
5)	Which expression is not equal to	6)	Which expression is not equal to	7
	$(9 \times 7) \times 10$		$(2 \times 6) \times 4$	
	A. $9 \times 70$		A. $2 \times 24$	8
	$B.\ 63\times10$		B. $12 \times 4$	
	C. 9 × 77		C. $2 + (6 \times 4)$	9.
	$D. 9 \times (7 \times 10)$		D. $2 \times (6 \times 4)$	10
7)	Which expression is not equal to	8)	Which expression is not equal to	10
	$(5 \times 3) \times 2$		$(4 \times 6) \times 9$	11.
	A. $18 \times 2$		A. $4 + (6 \times 9)$	
	B. $15 \times 2$		B. $24 \times 9$	12.
	C. $5 \times 6$		C. $4 \times (6 \times 9)$	
	$D.5 \times (3 \times 2)$		D. $4 \times 54$	
9)	Which expression is not equal to	10)	Which expression is not equal to	
	$6 \times (2 \times 10)$		$5 \times (3 \times 10)$	
	A. $12 \times 10$		A. $5 \times 30$	
	B. 6 × 22		$B. 12 \times 10$	
	C. $6 \times 20$		C. $(5 \times 3) \times 10$	
	D. $(6 \times 2) \times 10$		D. $15 \times 10$	
11)	Which expression is not equal to	12)	Which expression is not equal to	
	$(9 \times 2) \times 4$		$3 \times (4 \times 6)$	
	A. $9 \times 6$		A. $12 \times 6$	
	B. 18 × 4		B. $3 \times 24$	
	C. 9 × 8		C. 3 × 28	
	$D. 9 \times (2 \times 4)$		D. $(3 \times 4) \times 6$	
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	Finding Associative	e Pr	operty Name: Answer K	ey	
Dete	ermine which choice is not an equivalent e	qua	tion.	Ans	wers
1)	Which expression is not equal to $(4 \times 10) \times 8$	2)	Which expression is not equal to ( $8 \times 10$ ) $\times 3$ A. $80 \times 3$	1	D
	A. $4 \times (10 \times 8)$ B. $40 \times 8$ C. $4 \times 80$		A. $80 \times 5$ B. $8 + (10 \times 3)$ C. $8 \times (10 \times 3)$	2	B
	D. $4 \times 90$		D. 8 × 30	3	D
3)	Which expression is not equal to $10 \times (3 \times 6)$	4)	Which expression is not equal to $8 \times (6 \times 4)$	4	A
	A. $10 \times 18$ B. $(10 \times 3) \times 6$ C. $30 \times 6$		A. $(8+6) \times 4$ B. $48 \times 4$ C. $(8 \times 6) \times 4$	5	С
	D. $(10+3) \times 6$		D. $8 \times 24$	6	C
5)	Which expression is not equal to $(9 \times 7) \times 10$	6)	Which expression is not equal to $(2 \times 6) \times 4$	7	A
	A. $9 \times 70$ B. $63 \times 10$		A. $2 \times 24$ B. $12 \times 4$	8	A B
	C. 9 × 77 D. 9 × ( 7 × 10 )		C. $2 + (6 \times 4)$ D. $2 \times (6 \times 4)$	9 10.	B
7)	Which expression is not equal to $(5 \times 3) \times 2$	8)	Which expression is not equal to $(4 \times 6) \times 9$	10	A
	A. $18 \times 2$ B. $15 \times 2$		A. $4 + (6 \times 9)$ B. $24 \times 9$	12.	С
	C. $5 \times 6$ D. $5 \times (3 \times 2)$		C. $4 \times (6 \times 9)$ D. $4 \times 54$		
9)	Which expression is not equal to $6 \times (2 \times 10)$	10)	Which expression is not equal to $5 \times (3 \times 10)$		
	A. $12 \times 10$ B. $6 \times 22$		A. $5 \times 30$ B. $12 \times 10$		
	C. $6 \times 20$ D. ( $6 \times 2$ ) × 10		C. $(5 \times 3) \times 10$ D. $15 \times 10$		
11)	Which expression is not equal to $(9 \times 2) \times 4$	12)	Which expression is not equal to $3 \times (4 \times 6)$		
	A. 9 × 6 B. 18 × 4		A. 12 × 6 B. 3 × 24		
	C. 9 × 8 D. 9 × ( 2 × 4 )		C. $3 \times 28$ D. $(3 \times 4) \times 6$		
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	Finding Associa	ative Pro	operty Name:	
Dete	ermine which choice is not an equival	ent equat	ion.	Answers
1)	Which expression is not equal to $10 \times (6 \times 7)$	2)	Which expression is not equal to $3 \times (6 \times 9)$	1
	A. $60 \times 7$		A. $(3 \times 6) \times 9$	
	B. $(10+6) \times 7$		B. 3 × 54 C. 18 × 9	2
	C. $(10 \times 6) \times 7$ D. $10 \times 42$		D. $12 \times 9$	3
3)	Which expression is not equal to $(4 \times 10) \times 9$	4)	Which expression is not equal to $(9 \times 3) \times 4$	4
	A. $40 \times 9$		A. $9 \times (3 \times 4)$	5.
	$B.4 \times 100$		$B.9 \times 12$	J
	C. $4 \times (10 \times 9)$		C. 24 × 4	6.
	D. $4 \times 90$		D. 27 × 4	0
5)	Which expression is not equal to $(3 \times 9) \times 7$	6)	Which expression is not equal to $3 \times (2 \times 4)$	7
	A. 3 × 63		A. 3 × 8	8
	B. $3 \times (9 \times 7)$		B. 6 × 4	
	C. 3 × 72		C. $(3+2) \times 4$	9.
	D. 27 × 7		D. $(3 \times 2) \times 4$	
7)	Which expression is not equal to $8 \times (6 \times 5)$	8)	Which expression is not equal to $(5 \times 10) \times 3$	10
	A. $(8 \times 6) \times 5$		A. $50 \times 3$	11
	B. $42 \times 5$		B. $5 \times 30$	10
	C. 8 × 30		C. $5 \times (10 \times 3)$	12
	D. 48 × 5		D. $5 + (10 \times 3)$	
9)	Which expression is not equal to $9 \times (4 \times 3)$	10)	Which expression is not equal to $(8 \times 3) \times 2$	
	A. 9 × 12		A. $8 \times 6$	
	B. $32 \times 3$		B. $8 \times (3 \times 2)$	
	C. $(9 \times 4) \times 3$		C. $24 \times 2$	
	D. $36 \times 3$		D. $8 + (3 \times 2)$	
11)	Which expression is not equal to $(5 \times 2) \times 3$	12)	Which expression is not equal to $5 \times (10 \times 8)$	
	A. $5 \times (2 \times 3)$		A. 60 × 8	
	B. $5 \times 6$		B. 50 × 8	
	C. $10 \times 3$		C. $(5 \times 10) \times 8$	
	D. $5 \times 8$		D. $5 \times 80$	
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	Finding Associa	tive Pro	operty Name: Answe	r Key
Dete	ermine which choice is not an equivale	nt equa	tion.	Answers
1)	Which expression is not equal to $10 \times (6 \times 7)$	2)	Which expression is not equal to $3 \times (6 \times 9)$	1. <b>B</b>
	A. $60 \times 7$ B. $(10+6) \times 7$		A. $(3 \times 6) \times 9$ B. $3 \times 54$	D
	B. $(10 + 6) \times 7$ C. $(10 \times 6) \times 7$		C. $18 \times 9$	2. <b>D</b>
	D. $10 \times 42$		D. $12 \times 9$	3. <b>B</b>
3)	Which expression is not equal to $(4 \times 10) \times 9$	4)	Which expression is not equal to $(9 \times 3) \times 4$	4. <b>C</b>
	A. $40 \times 9$		A. $9 \times (3 \times 4)$	5. <b>C</b>
	B. 4 × 100		B. 9 × 12	J
	C. $4 \times (10 \times 9)$		C. $24 \times 4$	C
	D. $4 \times 90$		D. 27 × 4	6.
5)	Which expression is not equal to $(3 \times 9) \times 7$	6)	Which expression is not equal to $3 \times (2 \times 4)$	7. <b>B</b>
	A. $3 \times 63$		A. $3 \times 8$	8. <b>D</b>
	B. $3 \times (9 \times 7)$		B. 6 × 4	
	C. 3 × 72		C. $(3+2) \times 4$	9. <b>B</b>
	D. 27 × 7		D. ( $3 \times 2$ ) × 4	
7)	Which expression is not equal to $8 \times (6 \times 5)$	8)	Which expression is not equal to $(5 \times 10) \times 3$	$10. \mathbf{D}$
	A. $(8 \times 6) \times 5$		A. 50 × 3	
	B. $42 \times 5$		B. $5 \times 30$	12. <b>A</b>
	C. $8 \times 30$		C. $5 \times (10 \times 3)$	
	D. 48 × 5		D. $5 + (10 \times 3)$	
9)	Which expression is not equal to $9 \times (4 \times 3)$	10)	Which expression is not equal to $(8 \times 3) \times 2$	
	A. 9 × 12		A. $8 \times 6$	
	B. $32 \times 3$		B. $8 \times (3 \times 2)$	
	C. $(9 \times 4) \times 3$		C. $24 \times 2$	
	D. 36 × 3		D. $8 + (3 \times 2)$	
11)	Which expression is not equal to $(5 \times 2) \times 3$	12)	Which expression is not equal to $5 \times (10 \times 8)$	
	A. $5 \times (2 \times 3)$		A. 60 × 8	
	B. $5 \times 6$		B. $50 \times 8$	
	C. $10 \times 3$		C. $(5 \times 10) \times 8$	
	D. 5 × 8		D. 5 × 80	
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