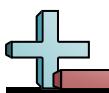


**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $10 \times (1 \times 3)$
A. $10 + (1 + 3)$
B. $(10 \times 1) + 3$
C. $10 + (1 \times 3)$
D. $(10 \times 1) \times 3$
- 2) Which expression is equal to $(1 \times 9) \times 7$
A. $1 \times (9 + 7)$
B. $(1 + 9) + 7$
C. $1 \times (9 \times 7)$
D. $(1 \times 9) + 7$
- 3) Which expression is equal to $(6 \times 10) \times 5$
A. $6 + (10 + 5)$
B. $6 \times (10 \times 5)$
C. $6 + (10 \times 5)$
D. $(6 \times 10) + 5$
- 4) Which expression is equal to $(10 \times 1) \times 9$
A. $10 + (1 \times 9)$
B. $10 \times (1 \times 9)$
C. $10 + (1 + 9)$
D. $(10 + 1) \times 9$
- 5) Which expression is equal to $(6 \times 1) \times 9$
A. $6 + (1 \times 9)$
B. $6 \times (1 \times 9)$
C. $(6 \times 1) + 9$
D. $(6 + 1) \times 9$
- 6) Which expression is equal to $(1 \times 7) \times 5$
A. $1 \times (7 \times 5)$
B. $1 \times (7 + 5)$
C. $(1 + 7) \times 5$
D. $(1 + 7) + 5$
- 7) Which expression is equal to $(0 \times 3) \times 1$
A. $0 + (3 \times 1)$
B. $0 \times (3 \times 1)$
C. $0 + (3 + 1)$
D. $(0 \times 3) + 1$
- 8) Which expression is equal to $9 \times (8 \times 7)$
A. $9 + (8 + 7)$
B. $9 \times (8 + 7)$
C. $(9 \times 8) \times 7$
D. $(9 \times 8) + 7$
- 9) Which expression is equal to $(10 \times 7) \times 8$
A. $(10 \times 7) + 8$
B. $10 \times (7 \times 8)$
C. $10 + (7 + 8)$
D. $10 \times (7 + 8)$
- 10) Which expression is equal to $9 \times (1 \times 5)$
A. $(9 \times 1) \times 5$
B. $(9 \times 1) + 5$
C. $(9 + 1) \times 5$
D. $9 \times (1 + 5)$
- 11) Which expression is equal to $3 \times (9 \times 0)$
A. $(3 + 9) + 0$
B. $(3 \times 9) \times 0$
C. $(3 \times 9) + 0$
D. $3 + (9 + 0)$
- 12) Which expression is equal to $4 \times (9 \times 2)$
A. $4 + (9 \times 2)$
B. $4 + (9 + 2)$
C. $(4 + 9) \times 2$
D. $(4 \times 9) \times 2$
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $10 \times (1 \times 3)$
- $10 + (1 + 3)$
 - $(10 \times 1) + 3$
 - $10 + (1 \times 3)$
 - $(10 \times 1) \times 3$

2) Which expression is equal to

- $(1 \times 9) \times 7$
- $1 \times (9 + 7)$
 - $(1 + 9) + 7$
 - $1 \times (9 \times 7)$
 - $(1 \times 9) + 7$

3) Which expression is equal to

- $(6 \times 10) \times 5$
- $6 + (10 + 5)$
 - $6 \times (10 \times 5)$
 - $6 + (10 \times 5)$
 - $(6 \times 10) + 5$

4) Which expression is equal to

- $(10 \times 1) \times 9$
- $10 + (1 \times 9)$
 - $10 \times (1 \times 9)$
 - $10 + (1 + 9)$
 - $(10 + 1) \times 9$

5) Which expression is equal to

- $(6 \times 1) \times 9$
- $6 + (1 \times 9)$
 - $6 \times (1 \times 9)$
 - $(6 \times 1) + 9$
 - $(6 + 1) \times 9$

6) Which expression is equal to

- $(1 \times 7) \times 5$
- $1 \times (7 \times 5)$
 - $1 \times (7 + 5)$
 - $(1 + 7) \times 5$
 - $(1 + 7) + 5$

7) Which expression is equal to

- $(0 \times 3) \times 1$
- $0 + (3 \times 1)$
 - $0 \times (3 \times 1)$
 - $0 + (3 + 1)$
 - $(0 \times 3) + 1$

8) Which expression is equal to

- $9 \times (8 \times 7)$
- $9 + (8 + 7)$
 - $9 \times (8 + 7)$
 - $(9 \times 8) \times 7$
 - $(9 \times 8) + 7$

9) Which expression is equal to

- $(10 \times 7) \times 8$
- $(10 \times 7) + 8$
 - $10 \times (7 \times 8)$
 - $10 + (7 + 8)$
 - $10 \times (7 + 8)$

10) Which expression is equal to

- $9 \times (1 \times 5)$
- $(9 \times 1) \times 5$
 - $(9 \times 1) + 5$
 - $(9 + 1) \times 5$
 - $9 \times (1 + 5)$

11) Which expression is equal to

- $3 \times (9 \times 0)$
- $(3 + 9) + 0$
 - $(3 \times 9) \times 0$
 - $(3 \times 9) + 0$
 - $3 + (9 + 0)$

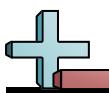
12) Which expression is equal to

- $4 \times (9 \times 2)$
- $4 + (9 \times 2)$
 - $4 + (9 + 2)$
 - $(4 + 9) \times 2$
 - $(4 \times 9) \times 2$

Answers1. **D**2. **C**3. **B**4. **B**5. **B**6. **A**7. **B**8. **C**9. **B**10. **A**11. **B**12. **D**

**Determine which choice is an equivalent equation.****Answers**

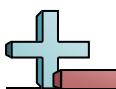
- 1) Which expression is equal to $(10 \times 5) \times 8$
A. $10 + (5 \times 8)$
B. $10 \times (5 + 8)$
C. $(10 \times 5) + 8$
D. $10 \times (5 \times 8)$
- 2) Which expression is equal to $9 \times (7 \times 10)$
A. $(9 \times 7) \times 10$
B. $(9 + 7) + 10$
C. $9 \times (7 + 10)$
D. $(9 \times 7) + 10$
- 3) Which expression is equal to $8 \times (2 \times 5)$
A. $(8 + 2) + 5$
B. $(8 \times 2) + 5$
C. $8 + (2 + 5)$
D. $(8 \times 2) \times 5$
- 4) Which expression is equal to $0 \times (1 \times 9)$
A. $(0 \times 1) + 9$
B. $(0 \times 1) \times 9$
C. $(0 + 1) \times 9$
D. $0 + (1 \times 9)$
- 5) Which expression is equal to $9 \times (0 \times 1)$
A. $(9 \times 0) \times 1$
B. $(9 \times 0) + 1$
C. $(9 + 0) \times 1$
D. $(9 + 0) + 1$
- 6) Which expression is equal to $(0 \times 5) \times 2$
A. $0 + (5 \times 2)$
B. $(0 \times 5) + 2$
C. $(0 + 5) + 2$
D. $0 \times (5 \times 2)$
- 7) Which expression is equal to $(3 \times 2) \times 0$
A. $3 \times (2 \times 0)$
B. $(3 \times 2) + 0$
C. $3 \times (2 + 0)$
D. $(3 + 2) \times 0$
- 8) Which expression is equal to $(0 \times 1) \times 6$
A. $(0 \times 1) + 6$
B. $0 \times (1 \times 6)$
C. $(0 + 1) \times 6$
D. $0 + (1 \times 6)$
- 9) Which expression is equal to $2 \times (7 \times 10)$
A. $(2 + 7) + 10$
B. $2 + (7 + 10)$
C. $(2 \times 7) + 10$
D. $(2 \times 7) \times 10$
- 10) Which expression is equal to $6 \times (0 \times 8)$
A. $6 \times (0 + 8)$
B. $(6 + 0) \times 8$
C. $6 + (0 + 8)$
D. $(6 \times 0) \times 8$
- 11) Which expression is equal to $(7 \times 0) \times 6$
A. $7 + (0 \times 6)$
B. $7 \times (0 \times 6)$
C. $(7 + 0) + 6$
D. $(7 + 0) \times 6$
- 12) Which expression is equal to $5 \times (0 \times 1)$
A. $(5 + 0) \times 1$
B. $5 + (0 \times 1)$
C. $(5 + 0) + 1$
D. $(5 \times 0) \times 1$
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

**Determine which choice is an equivalent equation.**

- 1) Which expression is equal to $(10 \times 5) \times 8$
 A. $10 + (5 \times 8)$
 B. $10 \times (5 + 8)$
 C. $(10 \times 5) + 8$
 D. $10 \times (5 \times 8)$
- 2) Which expression is equal to $9 \times (7 \times 10)$
 A. $(9 \times 7) \times 10$
 B. $(9 + 7) + 10$
 C. $9 \times (7 + 10)$
 D. $(9 \times 7) + 10$
- 3) Which expression is equal to $8 \times (2 \times 5)$
 A. $(8 + 2) + 5$
 B. $(8 \times 2) + 5$
 C. $8 + (2 + 5)$
 D. $(8 \times 2) \times 5$
- 4) Which expression is equal to $0 \times (1 \times 9)$
 A. $(0 \times 1) + 9$
 B. $(0 \times 1) \times 9$
 C. $(0 + 1) \times 9$
 D. $0 + (1 \times 9)$
- 5) Which expression is equal to $9 \times (0 \times 1)$
 A. $(9 \times 0) \times 1$
 B. $(9 \times 0) + 1$
 C. $(9 + 0) \times 1$
 D. $(9 + 0) + 1$
- 6) Which expression is equal to $(0 \times 5) \times 2$
 A. $0 + (5 \times 2)$
 B. $(0 \times 5) + 2$
 C. $(0 + 5) + 2$
 D. $0 \times (5 \times 2)$
- 7) Which expression is equal to $(3 \times 2) \times 0$
 A. $3 \times (2 \times 0)$
 B. $(3 \times 2) + 0$
 C. $3 \times (2 + 0)$
 D. $(3 + 2) \times 0$
- 8) Which expression is equal to $(0 \times 1) \times 6$
 A. $(0 \times 1) + 6$
 B. $0 \times (1 \times 6)$
 C. $(0 + 1) \times 6$
 D. $0 + (1 \times 6)$
- 9) Which expression is equal to $2 \times (7 \times 10)$
 A. $(2 + 7) + 10$
 B. $2 + (7 + 10)$
 C. $(2 \times 7) + 10$
 D. $(2 \times 7) \times 10$
- 10) Which expression is equal to $6 \times (0 \times 8)$
 A. $6 \times (0 + 8)$
 B. $(6 + 0) \times 8$
 C. $6 + (0 + 8)$
 D. $(6 \times 0) \times 8$
- 11) Which expression is equal to $(7 \times 0) \times 6$
 A. $7 + (0 \times 6)$
 B. $7 \times (0 \times 6)$
 C. $(7 + 0) + 6$
 D. $(7 + 0) \times 6$
- 12) Which expression is equal to $5 \times (0 \times 1)$
 A. $(5 + 0) \times 1$
 B. $5 + (0 \times 1)$
 C. $(5 + 0) + 1$
 D. $(5 \times 0) \times 1$

Answers

1. **D**
2. **A**
3. **D**
4. **B**
5. **A**
6. **D**
7. **A**
8. **B**
9. **D**
10. **D**
11. **B**
12. **D**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $1 \times (2 \times 9)$
 A. $1 + (2 \times 9)$
 B. $(1 \times 2) + 9$
 C. $(1 + 2) \times 9$
 D. $(1 \times 2) \times 9$
- 2) Which expression is equal to $0 \times (9 \times 10)$
 A. $(0 \times 9) \times 10$
 B. $(0 + 9) + 10$
 C. $0 \times (9 + 10)$
 D. $(0 \times 9) + 10$
- 3) Which expression is equal to $10 \times (9 \times 6)$
 A. $(10 + 9) \times 6$
 B. $10 + (9 \times 6)$
 C. $(10 + 9) + 6$
 D. $(10 \times 9) \times 6$
- 4) Which expression is equal to $5 \times (8 \times 7)$
 A. $(5 \times 8) + 7$
 B. $5 + (8 \times 7)$
 C. $(5 \times 8) \times 7$
 D. $5 + (8 + 7)$
- 5) Which expression is equal to $(3 \times 4) \times 7$
 A. $3 + (4 + 7)$
 B. $3 \times (4 + 7)$
 C. $3 \times (4 \times 7)$
 D. $(3 + 4) \times 7$
- 6) Which expression is equal to $10 \times (3 \times 8)$
 A. $10 + (3 \times 8)$
 B. $(10 + 3) \times 8$
 C. $(10 \times 3) \times 8$
 D. $10 + (3 + 8)$
- 7) Which expression is equal to $(0 \times 2) \times 8$
 A. $0 \times (2 \times 8)$
 B. $0 + (2 \times 8)$
 C. $0 \times (2 + 8)$
 D. $(0 + 2) + 8$
- 8) Which expression is equal to $4 \times (9 \times 10)$
 A. $4 + (9 \times 10)$
 B. $(4 + 9) + 10$
 C. $(4 + 9) \times 10$
 D. $(4 \times 9) \times 10$
- 9) Which expression is equal to $0 \times (9 \times 2)$
 A. $(0 \times 9) + 2$
 B. $0 \times (9 + 2)$
 C. $(0 + 9) + 2$
 D. $(0 \times 9) \times 2$
- 10) Which expression is equal to $(10 \times 5) \times 9$
 A. $10 \times (5 \times 9)$
 B. $10 + (5 \times 9)$
 C. $(10 \times 5) + 9$
 D. $10 + (5 + 9)$
- 11) Which expression is equal to $(10 \times 9) \times 7$
 A. $10 \times (9 + 7)$
 B. $(10 \times 9) + 7$
 C. $(10 + 9) \times 7$
 D. $10 \times (9 \times 7)$
- 12) Which expression is equal to $9 \times (7 \times 4)$
 A. $(9 \times 7) + 4$
 B. $(9 \times 7) \times 4$
 C. $9 + (7 \times 4)$
 D. $9 + (7 + 4)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

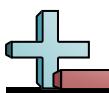
8. _____

9. _____

10. _____

11. _____

12. _____

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $1 \times (2 \times 9)$
 A. $1 + (2 \times 9)$
 B. $(1 \times 2) + 9$
 C. $(1 + 2) + 9$
 D. $(1 \times 2) \times 9$

2) Which expression is equal to

- $0 \times (9 \times 10)$
 A. $(0 \times 9) \times 10$
 B. $(0 + 9) + 10$
 C. $0 \times (9 + 10)$
 D. $(0 \times 9) + 10$

Answers1. **D**2. **A**3. **D**4. **C**5. **C**6. **C**7. **A**8. **D**9. **D**10. **A**11. **D**12. **B**

3) Which expression is equal to

- $10 \times (9 \times 6)$
 A. $(10 + 9) \times 6$
 B. $10 + (9 \times 6)$
 C. $(10 + 9) + 6$
 D. $(10 \times 9) \times 6$

4) Which expression is equal to

- $5 \times (8 \times 7)$
 A. $(5 \times 8) + 7$
 B. $5 + (8 \times 7)$
 C. $(5 \times 8) \times 7$
 D. $5 + (8 + 7)$

5) Which expression is equal to

- $(3 \times 4) \times 7$
 A. $3 + (4 + 7)$
 B. $3 \times (4 + 7)$
 C. $3 \times (4 \times 7)$
 D. $(3 + 4) \times 7$

6) Which expression is equal to

- $10 \times (3 \times 8)$
 A. $10 + (3 \times 8)$
 B. $(10 + 3) \times 8$
 C. $(10 \times 3) \times 8$
 D. $10 + (3 + 8)$

7) Which expression is equal to

- $(0 \times 2) \times 8$
 A. $0 \times (2 \times 8)$
 B. $0 + (2 \times 8)$
 C. $0 \times (2 + 8)$
 D. $(0 + 2) + 8$

8) Which expression is equal to

- $4 \times (9 \times 10)$
 A. $4 + (9 \times 10)$
 B. $(4 + 9) + 10$
 C. $(4 + 9) \times 10$
 D. $(4 \times 9) \times 10$

9) Which expression is equal to

- $0 \times (9 \times 2)$
 A. $(0 \times 9) + 2$
 B. $0 \times (9 + 2)$
 C. $(0 + 9) + 2$
 D. $(0 \times 9) \times 2$

10) Which expression is equal to

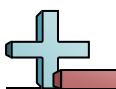
- $(10 \times 5) \times 9$
 A. $10 \times (5 \times 9)$
 B. $10 + (5 \times 9)$
 C. $(10 \times 5) + 9$
 D. $10 + (5 + 9)$

11) Which expression is equal to

- $(10 \times 9) \times 7$
 A. $10 \times (9 + 7)$
 B. $(10 \times 9) + 7$
 C. $(10 + 9) \times 7$
 D. $10 \times (9 \times 7)$

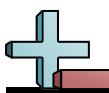
12) Which expression is equal to

- $9 \times (7 \times 4)$
 A. $(9 \times 7) + 4$
 B. $(9 \times 7) \times 4$
 C. $9 + (7 \times 4)$
 D. $9 + (7 + 4)$

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $(0 \times 5) \times 9$
 A. $0 + (5 \times 9)$
 B. $(0 + 5) \times 9$
 C. $0 \times (5 \times 9)$
 D. $(0 + 5) + 9$
- 2) Which expression is equal to $6 \times (5 \times 1)$
 A. $6 + (5 \times 1)$
 B. $6 + (5 + 1)$
 C. $(6 + 5) \times 1$
 D. $(6 \times 5) \times 1$
- 3) Which expression is equal to $(0 \times 6) \times 9$
 A. $0 \times (6 \times 9)$
 B. $(0 \times 6) + 9$
 C. $0 + (6 + 9)$
 D. $(0 + 6) + 9$
- 4) Which expression is equal to $(9 \times 2) \times 8$
 A. $9 \times (2 \times 8)$
 B. $(9 + 2) + 8$
 C. $(9 \times 2) + 8$
 D. $9 + (2 \times 8)$
- 5) Which expression is equal to $6 \times (1 \times 8)$
 A. $6 + (1 + 8)$
 B. $6 \times (1 + 8)$
 C. $(6 + 1) + 8$
 D. $(6 \times 1) \times 8$
- 6) Which expression is equal to $2 \times (3 \times 5)$
 A. $2 + (3 + 5)$
 B. $(2 \times 3) + 5$
 C. $(2 \times 3) \times 5$
 D. $2 \times (3 + 5)$
- 7) Which expression is equal to $2 \times (3 \times 7)$
 A. $2 \times (3 + 7)$
 B. $(2 \times 3) \times 7$
 C. $2 + (3 + 7)$
 D. $(2 \times 3) + 7$
- 8) Which expression is equal to $7 \times (6 \times 9)$
 A. $(7 \times 6) \times 9$
 B. $7 + (6 + 9)$
 C. $7 \times (6 + 9)$
 D. $(7 + 6) \times 9$
- 9) Which expression is equal to $(2 \times 8) \times 10$
 A. $2 \times (8 \times 10)$
 B. $2 \times (8 + 10)$
 C. $2 + (8 \times 10)$
 D. $2 + (8 + 10)$
- 10) Which expression is equal to $(4 \times 10) \times 8$
 A. $(4 + 10) \times 8$
 B. $4 \times (10 \times 8)$
 C. $4 + (10 + 8)$
 D. $4 \times (10 + 8)$
- 11) Which expression is equal to $(0 \times 1) \times 8$
 A. $0 + (1 + 8)$
 B. $(0 + 1) \times 8$
 C. $0 \times (1 \times 8)$
 D. $0 \times (1 + 8)$
- 12) Which expression is equal to $6 \times (1 \times 7)$
 A. $(6 \times 1) \times 7$
 B. $6 + (1 \times 7)$
 C. $6 + (1 + 7)$
 D. $(6 + 1) \times 7$

1. _____
 2. _____
 3. _____
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
 11. _____
 12. _____

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $(0 \times 5) \times 9$
 A. $0 + (5 \times 9)$
 B. $(0 + 5) \times 9$
 C. $0 \times (5 \times 9)$
 D. $(0 + 5) + 9$

2) Which expression is equal to

- $6 \times (5 \times 1)$
 A. $6 + (5 \times 1)$
 B. $6 + (5 + 1)$
 C. $(6 + 5) \times 1$
 D. $(6 \times 5) \times 1$

3) Which expression is equal to

- $(0 \times 6) \times 9$
 A. $0 \times (6 \times 9)$
 B. $(0 \times 6) + 9$
 C. $0 + (6 + 9)$
 D. $(0 + 6) + 9$

4) Which expression is equal to

- $(9 \times 2) \times 8$
 A. $9 \times (2 \times 8)$
 B. $(9 + 2) + 8$
 C. $(9 \times 2) + 8$
 D. $9 + (2 \times 8)$

5) Which expression is equal to

- $6 \times (1 \times 8)$
 A. $6 + (1 + 8)$
 B. $6 \times (1 + 8)$
 C. $(6 + 1) + 8$
 D. $(6 \times 1) \times 8$

6) Which expression is equal to

- $2 \times (3 \times 5)$
 A. $2 + (3 + 5)$
 B. $(2 \times 3) + 5$
 C. $(2 \times 3) \times 5$
 D. $2 \times (3 + 5)$

7) Which expression is equal to

- $2 \times (3 \times 7)$
 A. $2 \times (3 + 7)$
 B. $(2 \times 3) \times 7$
 C. $2 + (3 + 7)$
 D. $(2 \times 3) + 7$

8) Which expression is equal to

- $7 \times (6 \times 9)$
 A. $(7 \times 6) \times 9$
 B. $7 + (6 + 9)$
 C. $7 \times (6 + 9)$
 D. $(7 + 6) \times 9$

9) Which expression is equal to

- $(2 \times 8) \times 10$
 A. $2 \times (8 \times 10)$
 B. $2 \times (8 + 10)$
 C. $2 + (8 \times 10)$
 D. $2 + (8 + 10)$

10) Which expression is equal to

- $(4 \times 10) \times 8$
 A. $(4 + 10) \times 8$
 B. $4 \times (10 \times 8)$
 C. $4 + (10 + 8)$
 D. $4 \times (10 + 8)$

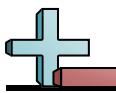
11) Which expression is equal to

- $(0 \times 1) \times 8$
 A. $0 + (1 + 8)$
 B. $(0 + 1) \times 8$
 C. $0 \times (1 \times 8)$
 D. $0 \times (1 + 8)$

12) Which expression is equal to

- $6 \times (1 \times 7)$
 A. $(6 \times 1) \times 7$
 B. $6 + (1 \times 7)$
 C. $6 + (1 + 7)$
 D. $(6 + 1) \times 7$

Answers1. **C**2. **D**3. **A**4. **A**5. **D**6. **C**7. **B**8. **A**9. **A**10. **B**11. **C**12. **A**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $(10 \times 6) \times 5$
 A. $10 \times (6 + 5)$
 B. $10 \times (6 \times 5)$
 C. $(10 \times 6) + 5$
 D. $10 + (6 \times 5)$
- 2) Which expression is equal to $10 \times (2 \times 0)$
 A. $10 + (2 \times 0)$
 B. $(10 \times 2) \times 0$
 C. $(10 \times 2) + 0$
 D. $10 + (2 + 0)$
- 3) Which expression is equal to $3 \times (10 \times 8)$
 A. $(3 \times 10) \times 8$
 B. $(3 + 10) \times 8$
 C. $3 + (10 + 8)$
 D. $3 + (10 \times 8)$
- 4) Which expression is equal to $(8 \times 1) \times 0$
 A. $(8 \times 1) + 0$
 B. $8 \times (1 \times 0)$
 C. $(8 + 1) + 0$
 D. $8 \times (1 + 0)$
- 5) Which expression is equal to $(8 \times 5) \times 10$
 A. $8 + (5 \times 10)$
 B. $8 \times (5 \times 10)$
 C. $(8 + 5) \times 10$
 D. $(8 \times 5) + 10$
- 6) Which expression is equal to $6 \times (8 \times 10)$
 A. $(6 \times 8) + 10$
 B. $(6 + 8) \times 10$
 C. $(6 + 8) + 10$
 D. $(6 \times 8) \times 10$
- 7) Which expression is equal to $(0 \times 2) \times 9$
 A. $0 + (2 \times 9)$
 B. $(0 + 2) \times 9$
 C. $0 \times (2 \times 9)$
 D. $(0 \times 2) + 9$
- 8) Which expression is equal to $2 \times (8 \times 1)$
 A. $2 + (8 \times 1)$
 B. $(2 + 8) + 1$
 C. $(2 \times 8) + 1$
 D. $(2 \times 8) \times 1$
- 9) Which expression is equal to $(6 \times 7) \times 8$
 A. $6 + (7 \times 8)$
 B. $6 \times (7 + 8)$
 C. $(6 \times 7) + 8$
 D. $6 \times (7 \times 8)$
- 10) Which expression is equal to $(7 \times 0) \times 5$
 A. $(7 + 0) \times 5$
 B. $(7 \times 0) + 5$
 C. $7 \times (0 \times 5)$
 D. $7 + (0 \times 5)$
- 11) Which expression is equal to $(7 \times 1) \times 0$
 A. $7 + (1 \times 0)$
 B. $7 \times (1 + 0)$
 C. $(7 + 1) \times 0$
 D. $7 \times (1 \times 0)$
- 12) Which expression is equal to $9 \times (10 \times 3)$
 A. $(9 \times 10) + 3$
 B. $9 + (10 + 3)$
 C. $(9 \times 10) \times 3$
 D. $(9 + 10) + 3$

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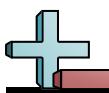
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**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- (10×6) $\times 5$
 A. $10 \times (6 + 5)$
 B. $10 \times (6 \times 5)$
 C. $(10 \times 6) + 5$
 D. $10 + (6 \times 5)$

2) Which expression is equal to

- $10 \times (2 \times 0)$
 A. $10 + (2 \times 0)$
 B. $(10 \times 2) \times 0$
 C. $(10 \times 2) + 0$
 D. $10 + (2 + 0)$

3) Which expression is equal to

- $3 \times (10 \times 8)$
 A. $(3 \times 10) \times 8$
 B. $(3 + 10) \times 8$
 C. $3 + (10 + 8)$
 D. $3 + (10 \times 8)$

4) Which expression is equal to

- $(8 \times 1) \times 0$
 A. $(8 \times 1) + 0$
 B. $8 \times (1 \times 0)$
 C. $(8 + 1) + 0$
 D. $8 \times (1 + 0)$

5) Which expression is equal to

- $(8 \times 5) \times 10$
 A. $8 + (5 \times 10)$
 B. $8 \times (5 \times 10)$
 C. $(8 + 5) \times 10$
 D. $(8 \times 5) + 10$

6) Which expression is equal to

- $6 \times (8 \times 10)$
 A. $(6 \times 8) + 10$
 B. $(6 + 8) \times 10$
 C. $(6 + 8) + 10$
 D. $(6 \times 8) \times 10$

7) Which expression is equal to

- $(0 \times 2) \times 9$
 A. $0 + (2 \times 9)$
 B. $(0 + 2) \times 9$
 C. $0 \times (2 \times 9)$
 D. $(0 \times 2) + 9$

8) Which expression is equal to

- $2 \times (8 \times 1)$
 A. $2 + (8 \times 1)$
 B. $(2 + 8) + 1$
 C. $(2 \times 8) + 1$
 D. $(2 \times 8) \times 1$

9) Which expression is equal to

- $(6 \times 7) \times 8$
 A. $6 + (7 \times 8)$
 B. $6 \times (7 + 8)$
 C. $(6 \times 7) + 8$
 D. $6 \times (7 \times 8)$

10) Which expression is equal to

- $(7 \times 0) \times 5$
 A. $(7 + 0) \times 5$
 B. $(7 \times 0) + 5$
 C. $7 \times (0 \times 5)$
 D. $7 + (0 \times 5)$

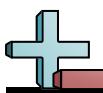
11) Which expression is equal to

- $(7 \times 1) \times 0$
 A. $7 + (1 \times 0)$
 B. $7 \times (1 + 0)$
 C. $(7 + 1) \times 0$
 D. $7 \times (1 \times 0)$

12) Which expression is equal to

- $9 \times (10 \times 3)$
 A. $(9 \times 10) + 3$
 B. $9 + (10 + 3)$
 C. $(9 \times 10) \times 3$
 D. $(9 + 10) + 3$

Answers1. **B**2. **B**3. **A**4. **B**5. **B**6. **D**7. **C**8. **D**9. **D**10. **C**11. **D**12. **C**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $(5 \times 1) \times 2$
 A. $(5 + 1) + 2$
 B. $(5 + 1) \times 2$
 C. $5 \times (1 \times 2)$
 D. $5 + (1 \times 2)$
- 2) Which expression is equal to $0 \times (2 \times 5)$
 A. $0 + (2 \times 5)$
 B. $(0 + 2) \times 5$
 C. $(0 + 2) + 5$
 D. $(0 \times 2) \times 5$
- 3) Which expression is equal to $(2 \times 7) \times 9$
 A. $(2 + 7) \times 9$
 B. $(2 \times 7) + 9$
 C. $2 \times (7 + 9)$
 D. $2 \times (7 \times 9)$
- 4) Which expression is equal to $(3 \times 6) \times 0$
 A. $(3 \times 6) + 0$
 B. $3 + (6 \times 0)$
 C. $3 \times (6 \times 0)$
 D. $3 \times (6 + 0)$
- 5) Which expression is equal to $(0 \times 5) \times 9$
 A. $(0 \times 5) + 9$
 B. $0 \times (5 \times 9)$
 C. $(0 + 5) \times 9$
 D. $(0 + 5) + 9$
- 6) Which expression is equal to $(2 \times 8) \times 6$
 A. $(2 \times 8) + 6$
 B. $2 \times (8 + 6)$
 C. $2 + (8 + 6)$
 D. $2 \times (8 \times 6)$
- 7) Which expression is equal to $6 \times (1 \times 0)$
 A. $6 + (1 \times 0)$
 B. $(6 \times 1) \times 0$
 C. $(6 \times 1) + 0$
 D. $(6 + 1) \times 0$
- 8) Which expression is equal to $1 \times (7 \times 0)$
 A. $(1 + 7) + 0$
 B. $(1 + 7) \times 0$
 C. $(1 \times 7) \times 0$
 D. $1 \times (7 + 0)$
- 9) Which expression is equal to $4 \times (0 \times 1)$
 A. $(4 \times 0) \times 1$
 B. $(4 + 0) + 1$
 C. $4 + (0 + 1)$
 D. $(4 \times 0) + 1$
- 10) Which expression is equal to $(7 \times 0) \times 10$
 A. $7 + (0 \times 10)$
 B. $7 \times (0 \times 10)$
 C. $7 + (0 + 10)$
 D. $(7 + 0) \times 10$
- 11) Which expression is equal to $(0 \times 5) \times 1$
 A. $0 \times (5 \times 1)$
 B. $(0 \times 5) + 1$
 C. $0 \times (5 + 1)$
 D. $(0 + 5) + 1$
- 12) Which expression is equal to $5 \times (3 \times 6)$
 A. $(5 + 3) + 6$
 B. $5 + (3 \times 6)$
 C. $(5 \times 3) \times 6$
 D. $(5 \times 3) + 6$

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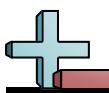
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12. _____

**Determine which choice is an equivalent equation.**1) Which expression is equal to $(5 \times 1) \times 2$

- A. $(5 + 1) + 2$
 B. $(5 + 1) \times 2$
 C. $5 \times (1 \times 2)$
 D. $5 + (1 \times 2)$

2) Which expression is equal to $0 \times (2 \times 5)$

- A. $0 + (2 \times 5)$
 B. $(0 + 2) \times 5$
 C. $(0 + 2) + 5$
 D. $(0 \times 2) \times 5$

3) Which expression is equal to $(2 \times 7) \times 9$

- A. $(2 + 7) \times 9$
 B. $(2 \times 7) + 9$
 C. $2 \times (7 + 9)$
 D. $2 \times (7 \times 9)$

4) Which expression is equal to $(3 \times 6) \times 0$

- A. $(3 \times 6) + 0$
 B. $3 + (6 \times 0)$
 C. $3 \times (6 \times 0)$
 D. $3 \times (6 + 0)$

5) Which expression is equal to $(0 \times 5) \times 9$

- A. $(0 \times 5) + 9$
 B. $0 \times (5 \times 9)$
 C. $(0 + 5) \times 9$
 D. $(0 + 5) + 9$

6) Which expression is equal to $(2 \times 8) \times 6$

- A. $(2 \times 8) + 6$
 B. $2 \times (8 + 6)$
 C. $2 + (8 + 6)$
 D. $2 \times (8 \times 6)$

7) Which expression is equal to $6 \times (1 \times 0)$

- A. $6 + (1 \times 0)$
 B. $(6 \times 1) \times 0$
 C. $(6 \times 1) + 0$
 D. $(6 + 1) \times 0$

8) Which expression is equal to $1 \times (7 \times 0)$

- A. $(1 + 7) + 0$
 B. $(1 + 7) \times 0$
 C. $(1 \times 7) \times 0$
 D. $1 \times (7 + 0)$

9) Which expression is equal to $4 \times (0 \times 1)$

- A. $(4 \times 0) \times 1$
 B. $(4 + 0) + 1$
 C. $4 + (0 + 1)$
 D. $(4 \times 0) + 1$

10) Which expression is equal to $(7 \times 0) \times 10$

- A. $7 + (0 \times 10)$
 B. $7 \times (0 \times 10)$
 C. $7 + (0 + 10)$
 D. $(7 + 0) \times 10$

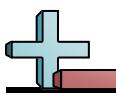
11) Which expression is equal to $(0 \times 5) \times 1$

- A. $0 \times (5 \times 1)$
 B. $(0 \times 5) + 1$
 C. $0 \times (5 + 1)$
 D. $(0 + 5) + 1$

12) Which expression is equal to $5 \times (3 \times 6)$

- A. $(5 + 3) + 6$
 B. $5 + (3 \times 6)$
 C. $(5 \times 3) \times 6$
 D. $(5 \times 3) + 6$

Answers1. **C**2. **D**3. **D**4. **C**5. **B**6. **D**7. **B**8. **C**9. **A**10. **B**11. **A**12. **C**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $(5 \times 2) \times 0$
 A. $5 \times (2 \times 0)$
 B. $(5 + 2) + 0$
 C. $(5 \times 2) + 0$
 D. $(5 + 2) \times 0$
- 2) Which expression is equal to $(7 \times 9) \times 8$
 A. $7 + (9 + 8)$
 B. $7 \times (9 \times 8)$
 C. $(7 + 9) \times 8$
 D. $7 + (9 \times 8)$
- 3) Which expression is equal to $10 \times (3 \times 0)$
 A. $(10 \times 3) + 0$
 B. $(10 + 3) \times 0$
 C. $(10 \times 3) \times 0$
 D. $10 + (3 \times 0)$
- 4) Which expression is equal to $(2 \times 1) \times 5$
 A. $2 + (1 \times 5)$
 B. $2 \times (1 \times 5)$
 C. $(2 \times 1) + 5$
 D. $(2 + 1) \times 5$
- 5) Which expression is equal to $(8 \times 4) \times 10$
 A. $8 + (4 + 10)$
 B. $(8 \times 4) + 10$
 C. $8 \times (4 + 10)$
 D. $8 \times (4 \times 10)$
- 6) Which expression is equal to $6 \times (4 \times 5)$
 A. $6 + (4 + 5)$
 B. $(6 + 4) + 5$
 C. $(6 \times 4) \times 5$
 D. $6 + (4 \times 5)$
- 7) Which expression is equal to $2 \times (3 \times 4)$
 A. $(2 \times 3) \times 4$
 B. $2 + (3 + 4)$
 C. $(2 + 3) \times 4$
 D. $(2 + 3) + 4$
- 8) Which expression is equal to $(0 \times 7) \times 3$
 A. $0 \times (7 \times 3)$
 B. $(0 + 7) + 3$
 C. $0 + (7 + 3)$
 D. $0 + (7 \times 3)$
- 9) Which expression is equal to $5 \times (0 \times 3)$
 A. $5 + (0 + 3)$
 B. $(5 \times 0) \times 3$
 C. $5 + (0 \times 3)$
 D. $5 \times (0 + 3)$
- 10) Which expression is equal to $(3 \times 5) \times 4$
 A. $(3 + 5) + 4$
 B. $3 \times (5 + 4)$
 C. $3 \times (5 \times 4)$
 D. $(3 + 5) \times 4$
- 11) Which expression is equal to $(9 \times 4) \times 0$
 A. $(9 + 4) + 0$
 B. $9 \times (4 \times 0)$
 C. $9 + (4 \times 0)$
 D. $9 \times (4 + 0)$
- 12) Which expression is equal to $6 \times (2 \times 3)$
 A. $(6 \times 2) \times 3$
 B. $(6 + 2) + 3$
 C. $6 + (2 \times 3)$
 D. $(6 \times 2) + 3$

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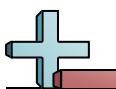
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11. _____

12. _____

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $(5 \times 2) \times 0$
 A. $5 \times (2 \times 0)$
 B. $(5 + 2) + 0$
 C. $(5 \times 2) + 0$
 D. $(5 + 2) \times 0$

2) Which expression is equal to

- $(7 \times 9) \times 8$
 A. $7 + (9 + 8)$
 B. $7 \times (9 \times 8)$
 C. $(7 + 9) \times 8$
 D. $7 + (9 \times 8)$

3) Which expression is equal to

- $10 \times (3 \times 0)$
 A. $(10 \times 3) + 0$
 B. $(10 + 3) \times 0$
 C. $(10 \times 3) \times 0$
 D. $10 + (3 \times 0)$

4) Which expression is equal to

- $(2 \times 1) \times 5$
 A. $2 + (1 \times 5)$
 B. $2 \times (1 \times 5)$
 C. $(2 \times 1) + 5$
 D. $(2 + 1) \times 5$

5) Which expression is equal to

- $(8 \times 4) \times 10$
 A. $8 + (4 + 10)$
 B. $(8 \times 4) + 10$
 C. $8 \times (4 + 10)$
 D. $8 \times (4 \times 10)$

6) Which expression is equal to

- $6 \times (4 \times 5)$
 A. $6 + (4 + 5)$
 B. $(6 + 4) + 5$
 C. $(6 \times 4) \times 5$
 D. $6 + (4 \times 5)$

7) Which expression is equal to

- $2 \times (3 \times 4)$
 A. $(2 \times 3) \times 4$
 B. $2 + (3 + 4)$
 C. $(2 + 3) \times 4$
 D. $(2 + 3) + 4$

8) Which expression is equal to

- $(0 \times 7) \times 3$
 A. $0 \times (7 \times 3)$
 B. $(0 + 7) + 3$
 C. $0 + (7 + 3)$
 D. $0 + (7 \times 3)$

9) Which expression is equal to

- $5 \times (0 \times 3)$
 A. $5 + (0 + 3)$
 B. $(5 \times 0) \times 3$
 C. $5 + (0 \times 3)$
 D. $5 \times (0 + 3)$

10) Which expression is equal to

- $(3 \times 5) \times 4$
 A. $(3 + 5) + 4$
 B. $3 \times (5 + 4)$
 C. $3 \times (5 \times 4)$
 D. $(3 + 5) \times 4$

11) Which expression is equal to

- $(9 \times 4) \times 0$
 A. $(9 + 4) + 0$
 B. $9 \times (4 \times 0)$
 C. $9 + (4 \times 0)$
 D. $9 \times (4 + 0)$

12) Which expression is equal to

- $6 \times (2 \times 3)$
 A. $(6 \times 2) \times 3$
 B. $(6 + 2) + 3$
 C. $6 + (2 \times 3)$
 D. $(6 \times 2) + 3$

Answers1. **A**2. **B**3. **C**4. **B**5. **D**6. **C**7. **A**8. **A**9. **B**10. **C**11. **B**12. **A**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $4 \times (8 \times 2)$
 A. $(4 \times 8) + 2$
 B. $(4 + 8) \times 2$
 C. $(4 \times 8) \times 2$
 D. $(4 + 8) + 2$
- 2) Which expression is equal to $6 \times (5 \times 7)$
 A. $(6 \times 5) + 7$
 B. $6 \times (5 + 7)$
 C. $(6 + 5) + 7$
 D. $(6 \times 5) \times 7$
- 3) Which expression is equal to $6 \times (7 \times 8)$
 A. $(6 \times 7) \times 8$
 B. $(6 + 7) \times 8$
 C. $(6 \times 7) + 8$
 D. $6 \times (7 + 8)$
- 4) Which expression is equal to $(8 \times 2) \times 10$
 A. $(8 + 2) \times 10$
 B. $(8 \times 2) + 10$
 C. $8 \times (2 \times 10)$
 D. $8 + (2 \times 10)$
- 5) Which expression is equal to $3 \times (9 \times 0)$
 A. $3 + (9 \times 0)$
 B. $(3 \times 9) \times 0$
 C. $3 + (9 + 0)$
 D. $(3 \times 9) + 0$
- 6) Which expression is equal to $7 \times (8 \times 5)$
 A. $(7 + 8) + 5$
 B. $7 + (8 + 5)$
 C. $7 + (8 \times 5)$
 D. $(7 \times 8) \times 5$
- 7) Which expression is equal to $(2 \times 5) \times 9$
 A. $2 \times (5 \times 9)$
 B. $2 + (5 \times 9)$
 C. $2 + (5 + 9)$
 D. $(2 + 5) + 9$
- 8) Which expression is equal to $4 \times (3 \times 1)$
 A. $4 + (3 + 1)$
 B. $4 + (3 \times 1)$
 C. $(4 \times 3) \times 1$
 D. $(4 + 3) \times 1$
- 9) Which expression is equal to $(1 \times 7) \times 5$
 A. $1 + (7 + 5)$
 B. $1 + (7 \times 5)$
 C. $(1 + 7) \times 5$
 D. $1 \times (7 \times 5)$
- 10) Which expression is equal to $(5 \times 2) \times 10$
 A. $5 + (2 + 10)$
 B. $5 \times (2 \times 10)$
 C. $(5 + 2) \times 10$
 D. $5 \times (2 + 10)$
- 11) Which expression is equal to $0 \times (3 \times 6)$
 A. $(0 \times 3) + 6$
 B. $0 + (3 \times 6)$
 C. $(0 \times 3) \times 6$
 D. $0 + (3 + 6)$
- 12) Which expression is equal to $2 \times (9 \times 4)$
 A. $(2 \times 9) \times 4$
 B. $2 + (9 \times 4)$
 C. $(2 + 9) + 4$
 D. $2 + (9 + 4)$

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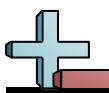
8. _____

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11. _____

12. _____

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $4 \times (8 \times 2)$
 A. $(4 \times 8) + 2$
 B. $(4 + 8) \times 2$
 C. $(4 \times 8) \times 2$
 D. $(4 + 8) + 2$

2) Which expression is equal to

- $6 \times (5 \times 7)$
 A. $(6 \times 5) + 7$
 B. $6 \times (5 + 7)$
 C. $(6 + 5) + 7$
 D. $(6 \times 5) \times 7$

3) Which expression is equal to

- $6 \times (7 \times 8)$
 A. $(6 \times 7) \times 8$
 B. $(6 + 7) \times 8$
 C. $(6 \times 7) + 8$
 D. $6 \times (7 + 8)$

4) Which expression is equal to

- $(8 \times 2) \times 10$
 A. $(8 + 2) \times 10$
 B. $(8 \times 2) + 10$
 C. $8 \times (2 \times 10)$
 D. $8 + (2 \times 10)$

5) Which expression is equal to

- $3 \times (9 \times 0)$
 A. $3 + (9 \times 0)$
 B. $(3 \times 9) \times 0$
 C. $3 + (9 + 0)$
 D. $(3 \times 9) + 0$

6) Which expression is equal to

- $7 \times (8 \times 5)$
 A. $(7 + 8) + 5$
 B. $7 + (8 + 5)$
 C. $7 + (8 \times 5)$
 D. $(7 \times 8) \times 5$

7) Which expression is equal to

- $(2 \times 5) \times 9$
 A. $2 \times (5 \times 9)$
 B. $2 + (5 \times 9)$
 C. $2 + (5 + 9)$
 D. $(2 + 5) + 9$

8) Which expression is equal to

- $4 \times (3 \times 1)$
 A. $4 + (3 + 1)$
 B. $4 + (3 \times 1)$
 C. $(4 \times 3) \times 1$
 D. $(4 + 3) \times 1$

9) Which expression is equal to

- $(1 \times 7) \times 5$
 A. $1 + (7 + 5)$
 B. $1 + (7 \times 5)$
 C. $(1 + 7) \times 5$
 D. $1 \times (7 \times 5)$

10) Which expression is equal to

- $(5 \times 2) \times 10$
 A. $5 + (2 + 10)$
 B. $5 \times (2 \times 10)$
 C. $(5 + 2) \times 10$
 D. $5 \times (2 + 10)$

11) Which expression is equal to

- $0 \times (3 \times 6)$
 A. $(0 \times 3) + 6$
 B. $0 + (3 \times 6)$
 C. $(0 \times 3) \times 6$
 D. $0 + (3 + 6)$

12) Which expression is equal to

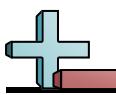
- $2 \times (9 \times 4)$
 A. $(2 \times 9) \times 4$
 B. $2 + (9 \times 4)$
 C. $(2 + 9) + 4$
 D. $2 + (9 + 4)$

Answers1. **C**2. **D**3. **A**4. **C**5. **B**6. **D**7. **A**8. **C**9. **D**10. **B**11. **C**12. **A**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $5 \times (8 \times 1)$
 A. $(5 \times 8) \times 1$
 B. $5 + (8 + 1)$
 C. $(5 \times 8) + 1$
 D. $5 + (8 \times 1)$
- 2) Which expression is equal to $(7 \times 8) \times 10$
 A. $(7 + 8) \times 10$
 B. $7 \times (8 \times 10)$
 C. $(7 \times 8) + 10$
 D. $7 + (8 + 10)$
- 3) Which expression is equal to $(5 \times 4) \times 8$
 A. $5 + (4 \times 8)$
 B. $5 + (4 + 8)$
 C. $5 \times (4 \times 8)$
 D. $(5 \times 4) + 8$
- 4) Which expression is equal to $3 \times (6 \times 10)$
 A. $(3 \times 6) \times 10$
 B. $3 \times (6 + 10)$
 C. $(3 + 6) \times 10$
 D. $(3 \times 6) + 10$
- 5) Which expression is equal to $(6 \times 5) \times 3$
 A. $(6 \times 5) + 3$
 B. $6 + (5 \times 3)$
 C. $(6 + 5) + 3$
 D. $6 \times (5 \times 3)$
- 6) Which expression is equal to $(1 \times 8) \times 0$
 A. $1 + (8 \times 0)$
 B. $1 \times (8 \times 0)$
 C. $1 + (8 + 0)$
 D. $(1 + 8) \times 0$
- 7) Which expression is equal to $(2 \times 9) \times 3$
 A. $(2 \times 9) + 3$
 B. $2 \times (9 + 3)$
 C. $2 + (9 \times 3)$
 D. $2 \times (9 \times 3)$
- 8) Which expression is equal to $(1 \times 5) \times 3$
 A. $1 \times (5 \times 3)$
 B. $1 \times (5 + 3)$
 C. $(1 \times 5) + 3$
 D. $1 + (5 \times 3)$
- 9) Which expression is equal to $5 \times (9 \times 4)$
 A. $(5 \times 9) \times 4$
 B. $(5 \times 9) + 4$
 C. $(5 + 9) + 4$
 D. $5 \times (9 + 4)$
- 10) Which expression is equal to $(9 \times 8) \times 10$
 A. $9 \times (8 + 10)$
 B. $9 \times (8 \times 10)$
 C. $9 + (8 \times 10)$
 D. $(9 + 8) + 10$
- 11) Which expression is equal to $3 \times (1 \times 10)$
 A. $(3 \times 1) \times 10$
 B. $3 + (1 + 10)$
 C. $3 + (1 \times 10)$
 D. $(3 \times 1) + 10$
- 12) Which expression is equal to $10 \times (8 \times 3)$
 A. $(10 + 8) + 3$
 B. $(10 \times 8) + 3$
 C. $10 \times (8 + 3)$
 D. $(10 \times 8) \times 3$

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $5 \times (8 \times 1)$
 A. $(5 \times 8) \times 1$
 B. $5 + (8 + 1)$
 C. $(5 \times 8) + 1$
 D. $5 + (8 \times 1)$

2) Which expression is equal to

- $(7 \times 8) \times 10$
 A. $(7 + 8) \times 10$
 B. $7 \times (8 \times 10)$
 C. $(7 \times 8) + 10$
 D. $7 + (8 + 10)$

3) Which expression is equal to

- $(5 \times 4) \times 8$
 A. $5 + (4 \times 8)$
 B. $5 + (4 + 8)$
 C. $5 \times (4 \times 8)$
 D. $(5 \times 4) + 8$

4) Which expression is equal to

- $3 \times (6 \times 10)$
 A. $(3 \times 6) \times 10$
 B. $3 \times (6 + 10)$
 C. $(3 + 6) \times 10$
 D. $(3 \times 6) + 10$

5) Which expression is equal to

- $(6 \times 5) \times 3$
 A. $(6 \times 5) + 3$
 B. $6 + (5 \times 3)$
 C. $(6 + 5) + 3$
 D. $6 \times (5 \times 3)$

6) Which expression is equal to

- $(1 \times 8) \times 0$
 A. $1 + (8 \times 0)$
 B. $1 \times (8 \times 0)$
 C. $1 + (8 + 0)$
 D. $(1 + 8) \times 0$

7) Which expression is equal to

- $(2 \times 9) \times 3$
 A. $(2 \times 9) + 3$
 B. $2 \times (9 + 3)$
 C. $2 + (9 \times 3)$
 D. $2 \times (9 \times 3)$

8) Which expression is equal to

- $(1 \times 5) \times 3$
 A. $1 \times (5 \times 3)$
 B. $1 \times (5 + 3)$
 C. $(1 \times 5) + 3$
 D. $1 + (5 \times 3)$

9) Which expression is equal to

- $5 \times (9 \times 4)$
 A. $(5 \times 9) \times 4$
 B. $(5 \times 9) + 4$
 C. $(5 + 9) + 4$
 D. $5 \times (9 + 4)$

10) Which expression is equal to

- $(9 \times 8) \times 10$
 A. $9 \times (8 + 10)$
 B. $9 \times (8 \times 10)$
 C. $9 + (8 \times 10)$
 D. $(9 + 8) + 10$

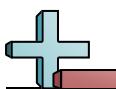
11) Which expression is equal to

- $3 \times (1 \times 10)$
 A. $(3 \times 1) \times 10$
 B. $3 + (1 + 10)$
 C. $3 + (1 \times 10)$
 D. $(3 \times 1) + 10$

12) Which expression is equal to

- $10 \times (8 \times 3)$
 A. $(10 + 8) + 3$
 B. $(10 \times 8) + 3$
 C. $10 \times (8 + 3)$
 D. $(10 \times 8) \times 3$

Answers1. **A**2. **B**3. **C**4. **A**5. **D**6. **B**7. **D**8. **A**9. **A**10. **B**11. **A**12. **D**

**Determine which choice is an equivalent equation.****Answers**

- 1) Which expression is equal to $(6 \times 8) \times 10$
 A. $6 \times (8 \times 10)$
 B. $(6 + 8) + 10$
 C. $6 + (8 + 10)$
 D. $(6 \times 8) + 10$
- 2) Which expression is equal to $8 \times (3 \times 4)$
 A. $8 + (3 + 4)$
 B. $(8 + 3) + 4$
 C. $(8 \times 3) \times 4$
 D. $(8 + 3) \times 4$
- 3) Which expression is equal to $(3 \times 2) \times 5$
 A. $3 \times (2 + 5)$
 B. $3 \times (2 \times 5)$
 C. $3 + (2 \times 5)$
 D. $3 + (2 + 5)$
- 4) Which expression is equal to $6 \times (10 \times 8)$
 A. $6 + (10 \times 8)$
 B. $(6 \times 10) + 8$
 C. $(6 \times 10) \times 8$
 D. $(6 + 10) \times 8$
- 5) Which expression is equal to $(4 \times 6) \times 2$
 A. $(4 + 6) \times 2$
 B. $4 + (6 \times 2)$
 C. $4 \times (6 \times 2)$
 D. $(4 \times 6) + 2$
- 6) Which expression is equal to $(10 \times 8) \times 7$
 A. $(10 + 8) + 7$
 B. $10 \times (8 \times 7)$
 C. $10 + (8 + 7)$
 D. $(10 \times 8) + 7$
- 7) Which expression is equal to $(10 \times 0) \times 8$
 A. $10 \times (0 + 8)$
 B. $10 + (0 + 8)$
 C. $10 \times (0 \times 8)$
 D. $(10 \times 0) + 8$
- 8) Which expression is equal to $(10 \times 8) \times 1$
 A. $10 \times (8 + 1)$
 B. $10 \times (8 \times 1)$
 C. $(10 + 8) \times 1$
 D. $10 + (8 + 1)$
- 9) Which expression is equal to $7 \times (2 \times 4)$
 A. $7 + (2 \times 4)$
 B. $(7 \times 2) \times 4$
 C. $(7 + 2) \times 4$
 D. $(7 + 2) + 4$
- 10) Which expression is equal to $10 \times (0 \times 9)$
 A. $10 \times (0 + 9)$
 B. $(10 \times 0) + 9$
 C. $(10 + 0) + 9$
 D. $(10 \times 0) \times 9$
- 11) Which expression is equal to $(9 \times 1) \times 4$
 A. $9 + (1 \times 4)$
 B. $(9 \times 1) + 4$
 C. $(9 + 1) \times 4$
 D. $9 \times (1 \times 4)$
- 12) Which expression is equal to $(2 \times 3) \times 0$
 A. $2 + (3 \times 0)$
 B. $2 \times (3 + 0)$
 C. $(2 \times 3) + 0$
 D. $2 \times (3 \times 0)$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

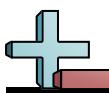
8. _____

9. _____

10. _____

11. _____

12. _____

**Determine which choice is an equivalent equation.**

1) Which expression is equal to

- $(6 \times 8) \times 10$
 A. $6 \times (8 \times 10)$
 B. $(6 + 8) + 10$
 C. $6 + (8 + 10)$
 D. $(6 \times 8) + 10$

2) Which expression is equal to

- $8 \times (3 \times 4)$
 A. $8 + (3 + 4)$
 B. $(8 + 3) + 4$
 C. $(8 \times 3) \times 4$
 D. $(8 + 3) \times 4$

3) Which expression is equal to

- $(3 \times 2) \times 5$
 A. $3 \times (2 + 5)$
 B. $3 \times (2 \times 5)$
 C. $3 + (2 \times 5)$
 D. $3 + (2 + 5)$

4) Which expression is equal to

- $6 \times (10 \times 8)$
 A. $6 + (10 \times 8)$
 B. $(6 \times 10) + 8$
 C. $(6 \times 10) \times 8$
 D. $(6 + 10) \times 8$

5) Which expression is equal to

- $(4 \times 6) \times 2$
 A. $(4 + 6) \times 2$
 B. $4 + (6 \times 2)$
 C. $4 \times (6 \times 2)$
 D. $(4 \times 6) + 2$

6) Which expression is equal to

- $(10 \times 8) \times 7$
 A. $(10 + 8) + 7$
 B. $10 \times (8 \times 7)$
 C. $10 + (8 + 7)$
 D. $(10 \times 8) + 7$

7) Which expression is equal to

- $(10 \times 0) \times 8$
 A. $10 \times (0 + 8)$
 B. $10 + (0 + 8)$
 C. $10 \times (0 \times 8)$
 D. $(10 \times 0) + 8$

8) Which expression is equal to

- $(10 \times 8) \times 1$
 A. $10 \times (8 + 1)$
 B. $10 \times (8 \times 1)$
 C. $(10 + 8) \times 1$
 D. $10 + (8 + 1)$

9) Which expression is equal to

- $7 \times (2 \times 4)$
 A. $7 + (2 \times 4)$
 B. $(7 \times 2) \times 4$
 C. $(7 + 2) \times 4$
 D. $(7 + 2) + 4$

10) Which expression is equal to

- $10 \times (0 \times 9)$
 A. $10 \times (0 + 9)$
 B. $(10 \times 0) + 9$
 C. $(10 + 0) + 9$
 D. $(10 \times 0) \times 9$

11) Which expression is equal to

- $(9 \times 1) \times 4$
 A. $9 + (1 \times 4)$
 B. $(9 \times 1) + 4$
 C. $(9 + 1) \times 4$
 D. $9 \times (1 \times 4)$

12) Which expression is equal to

- $(2 \times 3) \times 0$
 A. $2 + (3 \times 0)$
 B. $2 \times (3 + 0)$
 C. $(2 \times 3) + 0$
 D. $2 \times (3 \times 0)$

Answers1. **A**2. **C**3. **B**4. **C**5. **C**6. **B**7. **C**8. **B**9. **B**10. **D**11. **D**12. **D**