

**Determine which choice is not an equivalent equation.**

## Answers

- 1) Which expression is not equal to  $5 \times (4 \times 3)$ 
    - A.  $(5 \times 4) \times 3$
    - B.  $(5 + 4) \times 3$
    - C.  $5 \times 12$
    - D.  $20 \times 3$
  - 2) Which expression is not equal to  $7 \times (5 \times 4)$ 
    - A.  $35 \times 4$
    - B.  $(7 \times 5) \times 4$
    - C.  $(7 + 5) \times 4$
    - D.  $7 \times 20$
  - 3) Which expression is not equal to  $3 \times (10 \times 9)$ 
    - A.  $3 \times 90$
    - B.  $30 \times 9$
    - C.  $(3 \times 10) \times 9$
    - D.  $40 \times 9$
  - 4) Which expression is not equal to  $8 \times (2 \times 4)$ 
    - A.  $(8 \times 2) \times 4$
    - B.  $18 \times 4$
    - C.  $16 \times 4$
    - D.  $8 \times 8$
  - 5) Which expression is not equal to  $(6 \times 7) \times 2$ 
    - A.  $49 \times 2$
    - B.  $6 \times 14$
    - C.  $42 \times 2$
    - D.  $6 \times (7 \times 2)$
  - 6) Which expression is not equal to  $(6 \times 7) \times 4$ 
    - A.  $42 \times 4$
    - B.  $6 \times 28$
    - C.  $6 \times (7 \times 4)$
    - D.  $6 + (7 \times 4)$
  - 7) Which expression is not equal to  $(3 \times 2) \times 9$ 
    - A.  $4 \times 9$
    - B.  $3 \times (2 \times 9)$
    - C.  $3 \times 18$
    - D.  $6 \times 9$
  - 8) Which expression is not equal to  $9 \times (3 \times 4)$ 
    - A.  $24 \times 4$
    - B.  $9 \times 12$
    - C.  $27 \times 4$
    - D.  $(9 \times 3) \times 4$
  - 9) Which expression is not equal to  $2 \times (6 \times 9)$ 
    - A.  $2 \times 60$
    - B.  $2 \times 54$
    - C.  $12 \times 9$
    - D.  $(2 \times 6) \times 9$
  - 10) Which expression is not equal to  $7 \times (3 \times 10)$ 
    - A.  $21 \times 10$
    - B.  $7 \times 30$
    - C.  $7 \times 33$
    - D.  $(7 \times 3) \times 10$
  - 11) Which expression is not equal to  $10 \times (6 \times 2)$ 
    - A.  $(10 \times 6) \times 2$
    - B.  $10 \times 12$
    - C.  $60 \times 2$
    - D.  $10 \times 18$
  - 12) Which expression is not equal to  $7 \times (3 \times 6)$ 
    - A.  $21 \times 6$
    - B.  $18 \times 6$
    - C.  $7 \times 18$
    - D.  $(7 \times 3) \times 6$

1. \_\_\_\_\_

2.

3. \_\_\_\_\_

4. \_\_\_\_\_

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12.

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| <p>1) Which expression is not equal to <math>5 \times (4 \times 3)</math></p> <p>A. <math>(5 \times 4) \times 3</math></p> <p>B. <math>(5 + 4) \times 3</math></p> <p>C. <math>5 \times 12</math></p> <p>D. <math>20 \times 3</math></p> <p>3) Which expression is not equal to <math>3 \times (10 \times 9)</math></p> <p>A. <math>3 \times 90</math></p> <p>B. <math>30 \times 9</math></p> <p>C. <math>(3 \times 10) \times 9</math></p> <p>D. <math>40 \times 9</math></p> <p>5) Which expression is not equal to <math>(6 \times 7) \times 2</math></p> <p>A. <math>49 \times 2</math></p> <p>B. <math>6 \times 14</math></p> <p>C. <math>42 \times 2</math></p> <p>D. <math>6 \times (7 \times 2)</math></p> <p>7) Which expression is not equal to <math>(3 \times 2) \times 9</math></p> <p>A. <math>4 \times 9</math></p> <p>B. <math>3 \times (2 \times 9)</math></p> <p>C. <math>3 \times 18</math></p> <p>D. <math>6 \times 9</math></p> <p>9) Which expression is not equal to <math>2 \times (6 \times 9)</math></p> <p>A. <math>2 \times 60</math></p> <p>B. <math>2 \times 54</math></p> <p>C. <math>12 \times 9</math></p> <p>D. <math>(2 \times 6) \times 9</math></p> <p>11) Which expression is not equal to <math>10 \times (6 \times 2)</math></p> <p>A. <math>(10 \times 6) \times 2</math></p> <p>B. <math>10 \times 12</math></p> <p>C. <math>60 \times 2</math></p> <p>D. <math>10 \times 18</math></p> | <p>2) Which expression is not equal to <math>7 \times (5 \times 4)</math></p> <p>A. <math>35 \times 4</math></p> <p>B. <math>(7 \times 5) \times 4</math></p> <p>C. <math>(7 + 5) \times 4</math></p> <p>D. <math>7 \times 20</math></p> <p>4) Which expression is not equal to <math>8 \times (2 \times 4)</math></p> <p>A. <math>(8 \times 2) \times 4</math></p> <p>B. <math>18 \times 4</math></p> <p>C. <math>16 \times 4</math></p> <p>D. <math>8 \times 8</math></p> <p>6) Which expression is not equal to <math>(6 \times 7) \times 4</math></p> <p>A. <math>42 \times 4</math></p> <p>B. <math>6 \times 28</math></p> <p>C. <math>6 \times (7 \times 4)</math></p> <p>D. <math>6 + (7 \times 4)</math></p> <p>8) Which expression is not equal to <math>9 \times (3 \times 4)</math></p> <p>A. <math>24 \times 4</math></p> <p>B. <math>9 \times 12</math></p> <p>C. <math>27 \times 4</math></p> <p>D. <math>(9 \times 3) \times 4</math></p> <p>10) Which expression is not equal to <math>7 \times (3 \times 10)</math></p> <p>A. <math>21 \times 10</math></p> <p>B. <math>7 \times 30</math></p> <p>C. <math>7 \times 33</math></p> <p>D. <math>(7 \times 3) \times 10</math></p> <p>12) Which expression is not equal to <math>7 \times (3 \times 6)</math></p> <p>A. <math>21 \times 6</math></p> <p>B. <math>18 \times 6</math></p> <p>C. <math>7 \times 18</math></p> <p>D. <math>(7 \times 3) \times 6</math></p> |
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|-----|----------|
| 1.  | <b>B</b> |
| 2.  | <b>C</b> |
| 3.  | <b>D</b> |
| 4.  | <b>B</b> |
| 5.  | <b>A</b> |
| 6.  | <b>D</b> |
| 7.  | <b>A</b> |
| 8.  | <b>A</b> |
| 9.  | <b>A</b> |
| 10. | <b>C</b> |
| 11. | <b>D</b> |
| 12. | <b>B</b> |