



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

**Answers**

1) Which expression is not equal to  $(6 \times 4) \times 10$

- A.  $6 \times 36$
- B.  $24 \times 10$
- C.  $6 \times (4 \times 10)$
- D.  $6 \times 40$

2) Which expression is not equal to  $(8 \times 2) \times 10$

- A.  $16 \times 10$
- B.  $8 \times 20$
- C.  $8 \times (2 \times 10)$
- D.  $8 + (2 \times 10)$

3) Which expression is not equal to  $3 \times (9 \times 10)$

- A.  $(3 \times 9) \times 10$
- B.  $27 \times 10$
- C.  $18 \times 10$
- D.  $3 \times 90$

4) Which expression is not equal to  $4 \times (2 \times 7)$

- A.  $(4 \times 2) \times 7$
- B.  $4 \times 14$
- C.  $8 \times 7$
- D.  $6 \times 7$

5) Which expression is not equal to  $10 \times (4 \times 5)$

- A.  $10 \times 20$
- B.  $44 \times 5$
- C.  $(10 \times 4) \times 5$
- D.  $40 \times 5$

6) Which expression is not equal to  $10 \times (9 \times 5)$

- A.  $90 \times 5$
- B.  $(10 \times 9) \times 5$
- C.  $(10 + 9) \times 5$
- D.  $10 \times 45$

7) Which expression is not equal to  $(6 \times 3) \times 5$

- A.  $6 \times (3 \times 5)$
- B.  $6 \times 15$
- C.  $15 \times 5$
- D.  $18 \times 5$

8) Which expression is not equal to  $(7 \times 5) \times 9$

- A.  $35 \times 9$
- B.  $7 \times (5 \times 9)$
- C.  $7 \times 45$
- D.  $7 + (5 \times 9)$

9) Which expression is not equal to  $4 \times (9 \times 2)$

- A.  $(4 \times 9) \times 2$
- B.  $4 \times 18$
- C.  $36 \times 2$
- D.  $27 \times 2$

10) Which expression is not equal to  $3 \times (10 \times 7)$

- A.  $(3 \times 10) \times 7$
- B.  $30 \times 7$
- C.  $3 \times 70$
- D.  $20 \times 7$

11) Which expression is not equal to  $(6 \times 7) \times 8$

- A.  $42 \times 8$
- B.  $6 \times (7 \times 8)$
- C.  $6 \times 56$
- D.  $6 + (7 \times 8)$

12) Which expression is not equal to  $(2 \times 8) \times 4$

- A.  $2 + (8 \times 4)$
- B.  $2 \times 32$
- C.  $2 \times (8 \times 4)$
- D.  $16 \times 4$

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_



Determine which choice is not an equivalent equation.

**Answers**

- |   |  |
|---|--|
| <p>1) Which expression is not equal to <math>(6 \times 4) \times 10</math></p> <p>A. <math>6 \times 36</math></p> <p>B. <math>24 \times 10</math></p> <p>C. <math>6 \times (4 \times 10)</math></p> <p>D. <math>6 \times 40</math></p>    | <p>2) Which expression is not equal to <math>(8 \times 2) \times 10</math></p> <p>A. <math>16 \times 10</math></p> <p>B. <math>8 \times 20</math></p> <p>C. <math>8 \times (2 \times 10)</math></p> <p>D. <math>8 + (2 \times 10)</math></p> |
| <p>3) Which expression is not equal to <math>3 \times (9 \times 10)</math></p> <p>A. <math>(3 \times 9) \times 10</math></p> <p>B. <math>27 \times 10</math></p> <p>C. <math>18 \times 10</math></p> <p>D. <math>3 \times 90</math></p>   | <p>4) Which expression is not equal to <math>4 \times (2 \times 7)</math></p> <p>A. <math>(4 \times 2) \times 7</math></p> <p>B. <math>4 \times 14</math></p> <p>C. <math>8 \times 7</math></p> <p>D. <math>6 \times 7</math></p>            |
| <p>5) Which expression is not equal to <math>10 \times (4 \times 5)</math></p> <p>A. <math>10 \times 20</math></p> <p>B. <math>44 \times 5</math></p> <p>C. <math>(10 \times 4) \times 5</math></p> <p>D. <math>40 \times 5</math></p>    | <p>6) Which expression is not equal to <math>10 \times (9 \times 5)</math></p> <p>A. <math>90 \times 5</math></p> <p>B. <math>(10 \times 9) \times 5</math></p> <p>C. <math>(10 + 9) \times 5</math></p> <p>D. <math>10 \times 45</math></p> |
| <p>7) Which expression is not equal to <math>(6 \times 3) \times 5</math></p> <p>A. <math>6 \times (3 \times 5)</math></p> <p>B. <math>6 \times 15</math></p> <p>C. <math>15 \times 5</math></p> <p>D. <math>18 \times 5</math></p>       | <p>8) Which expression is not equal to <math>(7 \times 5) \times 9</math></p> <p>A. <math>35 \times 9</math></p> <p>B. <math>7 \times (5 \times 9)</math></p> <p>C. <math>7 \times 45</math></p> <p>D. <math>7 + (5 \times 9)</math></p>     |
| <p>9) Which expression is not equal to <math>4 \times (9 \times 2)</math></p> <p>A. <math>(4 \times 9) \times 2</math></p> <p>B. <math>4 \times 18</math></p> <p>C. <math>36 \times 2</math></p> <p>D. <math>27 \times 2</math></p>       | <p>10) Which expression is not equal to <math>3 \times (10 \times 7)</math></p> <p>A. <math>(3 \times 10) \times 7</math></p> <p>B. <math>30 \times 7</math></p> <p>C. <math>3 \times 70</math></p> <p>D. <math>20 \times 7</math></p>       |
| <p>11) Which expression is not equal to <math>(6 \times 7) \times 8</math></p> <p>A. <math>42 \times 8</math></p> <p>B. <math>6 \times (7 \times 8)</math></p> <p>C. <math>6 \times 56</math></p> <p>D. <math>6 + (7 \times 8)</math></p> | <p>12) Which expression is not equal to <math>(2 \times 8) \times 4</math></p> <p>A. <math>2 + (8 \times 4)</math></p> <p>B. <math>2 \times 32</math></p> <p>C. <math>2 \times (8 \times 4)</math></p> <p>D. <math>16 \times 4</math></p>    |

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