



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

**Answers**

1) Which expression is not equal to  $(8 \times 6) \times 4$

- A.  $8 \times 18$
- B.  $48 \times 4$
- C.  $8 \times (6 \times 4)$
- D.  $8 \times 24$

2) Which expression is not equal to  $7 \times (3 \times 4)$

- A.  $(7 \times 3) \times 4$
- B.  $(7 + 3) \times 4$
- C.  $7 \times 12$
- D.  $21 \times 4$

3) Which expression is not equal to  $7 \times (9 \times 2)$

- A.  $72 \times 2$
- B.  $63 \times 2$
- C.  $7 \times 18$
- D.  $(7 \times 9) \times 2$

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

- A.  $54 \times 5$
- B.  $(6 \times 9) \times 5$
- C.  $63 \times 5$
- D.  $6 \times 45$

5) Which expression is not equal to  $3 \times (4 \times 5)$

- A.  $(3 \times 4) \times 5$
- B.  $12 \times 5$
- C.  $(3 + 4) \times 5$
- D.  $3 \times 20$

6) Which expression is not equal to  $10 \times (7 \times 2)$

- A.  $10 \times 14$
- B.  $(10 \times 7) \times 2$
- C.  $77 \times 2$
- D.  $70 \times 2$

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

- A.  $(10 + 9) \times 6$
- B.  $(10 \times 9) \times 6$
- C.  $10 \times 54$
- D.  $90 \times 6$

8) Which expression is not equal to  $(8 \times 9) \times 2$

- A.  $63 \times 2$
- B.  $72 \times 2$
- C.  $8 \times (9 \times 2)$
- D.  $8 \times 18$

9) Which expression is not equal to  $(9 \times 2) \times 8$

- A.  $9 \times (2 \times 8)$
- B.  $18 \times 8$
- C.  $9 \times 16$
- D.  $9 + (2 \times 8)$

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

- A.  $(2 \times 10) \times 8$
- B.  $2 \times 70$
- C.  $20 \times 8$
- D.  $2 \times 80$

11) Which expression is not equal to  $(2 \times 6) \times 5$

- A.  $2 \times 30$
- B.  $2 \times 36$
- C.  $12 \times 5$
- D.  $2 \times (6 \times 5)$

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

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

- 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>(8 \times 6) \times 4</math></p> <p>A. <math>8 \times 18</math></p> <p>B. <math>48 \times 4</math></p> <p>C. <math>8 \times (6 \times 4)</math></p> <p>D. <math>8 \times 24</math></p>          | <p>2) Which expression is not equal to <math>7 \times (3 \times 4)</math></p> <p>A. <math>(7 \times 3) \times 4</math></p> <p>B. <math>(7 + 3) \times 4</math></p> <p>C. <math>7 \times 12</math></p> <p>D. <math>21 \times 4</math></p>     |
| <p>3) Which expression is not equal to <math>7 \times (9 \times 2)</math></p> <p>A. <math>72 \times 2</math></p> <p>B. <math>63 \times 2</math></p> <p>C. <math>7 \times 18</math></p> <p>D. <math>(7 \times 9) \times 2</math></p>          | <p>4) Which expression is not equal to <math>6 \times (9 \times 5)</math></p> <p>A. <math>54 \times 5</math></p> <p>B. <math>(6 \times 9) \times 5</math></p> <p>C. <math>63 \times 5</math></p> <p>D. <math>6 \times 45</math></p>          |
| <p>5) Which expression is not equal to <math>3 \times (4 \times 5)</math></p> <p>A. <math>(3 \times 4) \times 5</math></p> <p>B. <math>12 \times 5</math></p> <p>C. <math>(3 + 4) \times 5</math></p> <p>D. <math>3 \times 20</math></p>     | <p>6) Which expression is not equal to <math>10 \times (7 \times 2)</math></p> <p>A. <math>10 \times 14</math></p> <p>B. <math>(10 \times 7) \times 2</math></p> <p>C. <math>77 \times 2</math></p> <p>D. <math>70 \times 2</math></p>       |
| <p>7) Which expression is not equal to <math>10 \times (9 \times 6)</math></p> <p>A. <math>(10 + 9) \times 6</math></p> <p>B. <math>(10 \times 9) \times 6</math></p> <p>C. <math>10 \times 54</math></p> <p>D. <math>90 \times 6</math></p> | <p>8) Which expression is not equal to <math>(8 \times 9) \times 2</math></p> <p>A. <math>63 \times 2</math></p> <p>B. <math>72 \times 2</math></p> <p>C. <math>8 \times (9 \times 2)</math></p> <p>D. <math>8 \times 18</math></p>          |
| <p>9) Which expression is not equal to <math>(9 \times 2) \times 8</math></p> <p>A. <math>9 \times (2 \times 8)</math></p> <p>B. <math>18 \times 8</math></p> <p>C. <math>9 \times 16</math></p> <p>D. <math>9 + (2 \times 8)</math></p>     | <p>10) Which expression is not equal to <math>2 \times (10 \times 8)</math></p> <p>A. <math>(2 \times 10) \times 8</math></p> <p>B. <math>2 \times 70</math></p> <p>C. <math>20 \times 8</math></p> <p>D. <math>2 \times 80</math></p>       |
| <p>11) Which expression is not equal to <math>(2 \times 6) \times 5</math></p> <p>A. <math>2 \times 30</math></p> <p>B. <math>2 \times 36</math></p> <p>C. <math>12 \times 5</math></p> <p>D. <math>2 \times (6 \times 5)</math></p>         | <p>12) Which expression is not equal to <math>3 \times (10 \times 7)</math></p> <p>A. <math>(3 + 10) \times 7</math></p> <p>B. <math>30 \times 7</math></p> <p>C. <math>3 \times 70</math></p> <p>D. <math>(3 \times 10) \times 7</math></p> |

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