



Determine which choice is an equivalent equation.

**Answers**

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

- A.  $7 + (8 + 0)$
- B.  $7 + (8 \times 0)$
- C.  $(7 \times 8) + 0$
- D.  $(7 \times 8) \times 0$

2) Which expression is equal to  $(4 \times 9) \times 7$

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

3) Which expression is equal to  $(9 \times 3) \times 1$

- A.  $(9 \times 3) + 1$
- B.  $9 \times (3 + 1)$
- C.  $9 + (3 \times 1)$
- D.  $9 \times (3 \times 1)$

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

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

5) Which expression is equal to  $6 \times (9 \times 3)$

- A.  $(6 \times 9) + 3$
- B.  $6 + (9 + 3)$
- C.  $(6 + 9) + 3$
- D.  $(6 \times 9) \times 3$

6) Which expression is equal to  $(1 \times 2) \times 10$

- A.  $(1 + 2) + 10$
- B.  $1 \times (2 \times 10)$
- C.  $1 + (2 + 10)$
- D.  $1 + (2 \times 10)$

7) Which expression is equal to  $2 \times (3 \times 10)$

- A.  $2 + (3 \times 10)$
- B.  $(2 \times 3) + 10$
- C.  $(2 \times 3) \times 10$
- D.  $(2 + 3) + 10$

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

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

9) Which expression is equal to  $(6 \times 10) \times 5$

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

10) Which expression is equal to  $1 \times (8 \times 5)$

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

11) Which expression is equal to  $(8 \times 10) \times 9$

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

12) Which expression is equal to  $(9 \times 4) \times 5$

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

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

2. \_\_\_\_\_

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

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

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_



Determine which choice is an equivalent equation.

**Answers**

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| <p>1) Which expression is equal to <math>7 \times (8 \times 0)</math></p> <p>A. <math>7 + (8 + 0)</math><br/>         B. <math>7 + (8 \times 0)</math><br/>         C. <math>(7 \times 8) + 0</math><br/>         D. <math>(7 \times 8) \times 0</math></p> <p>3) Which expression is equal to <math>(9 \times 3) \times 1</math></p> <p>A. <math>(9 \times 3) + 1</math><br/>         B. <math>9 \times (3 + 1)</math><br/>         C. <math>9 + (3 \times 1)</math><br/>         D. <math>9 \times (3 \times 1)</math></p> <p>5) Which expression is equal to <math>6 \times (9 \times 3)</math></p> <p>A. <math>(6 \times 9) + 3</math><br/>         B. <math>6 + (9 + 3)</math><br/>         C. <math>(6 + 9) + 3</math><br/>         D. <math>(6 \times 9) \times 3</math></p> <p>7) Which expression is equal to <math>2 \times (3 \times 10)</math></p> <p>A. <math>2 + (3 \times 10)</math><br/>         B. <math>(2 \times 3) + 10</math><br/>         C. <math>(2 \times 3) \times 10</math><br/>         D. <math>(2 + 3) + 10</math></p> <p>9) Which expression is equal to <math>(6 \times 10) \times 5</math></p> <p>A. <math>(6 + 10) + 5</math><br/>         B. <math>(6 \times 10) + 5</math><br/>         C. <math>6 + (10 \times 5)</math><br/>         D. <math>6 \times (10 \times 5)</math></p> <p>11) Which expression is equal to <math>(8 \times 10) \times 9</math></p> <p>A. <math>8 + (10 \times 9)</math><br/>         B. <math>8 + (10 + 9)</math><br/>         C. <math>8 \times (10 \times 9)</math><br/>         D. <math>8 \times (10 + 9)</math></p> | <p>2) Which expression is equal to <math>(4 \times 9) \times 7</math></p> <p>A. <math>4 + (9 + 7)</math><br/>         B. <math>4 \times (9 + 7)</math><br/>         C. <math>4 \times (9 \times 7)</math><br/>         D. <math>(4 + 9) \times 7</math></p> <p>4) Which expression is equal to <math>(1 \times 0) \times 7</math></p> <p>A. <math>(1 \times 0) + 7</math><br/>         B. <math>(1 + 0) + 7</math><br/>         C. <math>1 \times (0 + 7)</math><br/>         D. <math>1 \times (0 \times 7)</math></p> <p>6) Which expression is equal to <math>(1 \times 2) \times 10</math></p> <p>A. <math>(1 + 2) + 10</math><br/>         B. <math>1 \times (2 \times 10)</math><br/>         C. <math>1 + (2 + 10)</math><br/>         D. <math>1 + (2 \times 10)</math></p> <p>8) Which expression is equal to <math>2 \times (8 \times 6)</math></p> <p>A. <math>2 + (8 + 6)</math><br/>         B. <math>(2 \times 8) + 6</math><br/>         C. <math>(2 \times 8) \times 6</math><br/>         D. <math>2 \times (8 + 6)</math></p> <p>10) Which expression is equal to <math>1 \times (8 \times 5)</math></p> <p>A. <math>(1 + 8) \times 5</math><br/>         B. <math>(1 \times 8) \times 5</math><br/>         C. <math>1 \times (8 + 5)</math><br/>         D. <math>(1 \times 8) + 5</math></p> <p>12) Which expression is equal to <math>(9 \times 4) \times 5</math></p> <p>A. <math>9 + (4 + 5)</math><br/>         B. <math>9 \times (4 + 5)</math><br/>         C. <math>(9 + 4) \times 5</math><br/>         D. <math>9 \times (4 \times 5)</math></p> |
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|-----|--------------|
| 1.  | <u>  D  </u> |
| 2.  | <u>  C  </u> |
| 3.  | <u>  D  </u> |
| 4.  | <u>  D  </u> |
| 5.  | <u>  D  </u> |
| 6.  | <u>  B  </u> |
| 7.  | <u>  C  </u> |
| 8.  | <u>  C  </u> |
| 9.  | <u>  D  </u> |
| 10. | <u>  B  </u> |
| 11. | <u>  C  </u> |
| 12. | <u>  D  </u> |