



Determine which choice best shows the identity property of multiplication.

Answers

- | | |
|---|--|
| <p>1) A. $8 \times 0 = 0 \times 8$ B. $8 \times 1 = 8$ C. $(8 \times 0) \times 3 = 8 \times (0 \times 3)$ D. $(8 \times 0) + (8 \times 3) = 8 \times (0 + 3)$</p> | <p>2) A. $(1 \times 7) + (1 \times 10) = 1 \times (7 + 10)$ B. $(1 \times 7) \times 10 = 1 \times (7 \times 10)$ C. $1 \times 7 = 7 \times 1$ D. $1 \times 1 = 1$</p> |
| <p>3) A. $(4 \times 5) \times 6 = 4 \times (5 \times 6)$ B. $4 \times 1 = 4$ C. $4 \times 5 = 5 \times 4$ D. $(4 \times 5) + (4 \times 6) = 4 \times (5 + 6)$</p> | <p>4) A. $1 \times (7 + 9) = (1 \times 7) + (1 \times 9)$ B. $1 \times (7 \times 9) = (1 \times 7) \times 9$ C. $1 \times 1 = 1$ D. $1 \times 7 = 7 \times 1$</p> |
| <p>5) A. $1 \times 10 = 10$ B. $10 \times (5 \times 7) = (10 \times 5) \times 7$ C. $10 \times (5 + 7) = (10 \times 5) + (10 \times 7)$ D. $10 \times 5 = 5 \times 10$</p> | <p>6) A. $(9 \times 5) + (9 \times 6) = 9 \times (5 + 6)$ B. $(9 \times 5) \times 6 = 9 \times (5 \times 6)$ C. $9 \times 5 = 5 \times 9$ D. $9 \times 1 = 9$</p> |
| <p>7) A. $1 \times 3 = 3$ B. $3 \times (8 \times 10) = (3 \times 8) \times 10$ C. $3 \times 8 = 8 \times 3$ D. $3 \times (8 + 10) = (3 \times 8) + (3 \times 10)$</p> | <p>8) A. $(5 \times 3) \times 2 = 5 \times (3 \times 2)$ B. $5 \times 1 = 5$ C. $5 \times 3 = 3 \times 5$ D. $(5 \times 3) + (5 \times 2) = 5 \times (3 + 2)$</p> |
| <p>9) A. $(10 \times 4) \times 1 = 10 \times (4 \times 1)$ B. $10 \times 4 = 4 \times 10$ C. $(10 \times 4) + (10 \times 1) = 10 \times (4 + 1)$ D. $10 \times 1 = 10$</p> | <p>10) A. $8 \times (4 + 1) = (8 \times 4) + (8 \times 1)$ B. $1 \times 8 = 8$ C. $8 \times (4 \times 1) = (8 \times 4) \times 1$ D. $8 \times 4 = 4 \times 8$</p> |
| <p>11) A. $4 \times (10 + 6) = (4 \times 10) + (4 \times 6)$ B. $4 \times (10 \times 6) = (4 \times 10) \times 6$ C. $1 \times 4 = 4$ D. $4 \times 10 = 10 \times 4$</p> | <p>12) A. $6 \times (2 \times 9) = (6 \times 2) \times 9$ B. $6 \times 2 = 2 \times 6$ C. $1 \times 6 = 6$ D. $6 \times (2 + 9) = (6 \times 2) + (6 \times 9)$</p> |

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



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

Answers

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