



Determine which choice best shows the identity property of multiplication.

Answers

- 1) A.  $5 \times 9 = 9 \times 5$   
 B.  $5 \times (9 + 8) = (5 \times 9) + (5 \times 8)$   
 C.  $1 \times 5 = 5$   
 D.  $5 \times (9 \times 8) = (5 \times 9) \times 8$

- 2) A.  $6 \times 1 = 6$   
 B.  $(6 \times 1) \times 3 = 6 \times (1 \times 3)$   
 C.  $(6 \times 1) + (6 \times 3) = 6 \times (1 + 3)$   
 D.  $6 \times 1 = 1 \times 6$

- 3) A.  $0 \times 1 = 0$   
 B.  $0 \times 6 = 6 \times 0$   
 C.  $(0 \times 6) + (0 \times 5) = 0 \times (6 + 5)$   
 D.  $(0 \times 6) \times 5 = 0 \times (6 \times 5)$

- 4) A.  $8 \times 3 = 3 \times 8$   
 B.  $8 \times (3 \times 0) = (8 \times 3) \times 0$   
 C.  $8 \times (3 + 0) = (8 \times 3) + (8 \times 0)$   
 D.  $1 \times 8 = 8$

- 5) A.  $1 \times 3 = 3 \times 1$   
 B.  $1 \times 1 = 1$   
 C.  $(1 \times 3) + (1 \times 4) = 1 \times (3 + 4)$   
 D.  $(1 \times 3) \times 4 = 1 \times (3 \times 4)$

- 6) A.  $5 \times 10 = 10 \times 5$   
 B.  $(5 \times 10) \times 6 = 5 \times (10 \times 6)$   
 C.  $(5 \times 10) + (5 \times 6) = 5 \times (10 + 6)$   
 D.  $5 \times 1 = 5$

- 7) A.  $(9 \times 3) \times 4 = 9 \times (3 \times 4)$   
 B.  $9 \times 1 = 9$   
 C.  $(9 \times 3) + (9 \times 4) = 9 \times (3 + 4)$   
 D.  $9 \times 3 = 3 \times 9$

- 8) A.  $5 \times 1 = 5$   
 B.  $(5 \times 9) + (5 \times 3) = 5 \times (9 + 3)$   
 C.  $(5 \times 9) \times 3 = 5 \times (9 \times 3)$   
 D.  $5 \times 9 = 9 \times 5$

- 9) A.  $10 \times 2 = 2 \times 10$   
 B.  $(10 \times 2) + (10 \times 3) = 10 \times (2 + 3)$   
 C.  $(10 \times 2) \times 3 = 10 \times (2 \times 3)$   
 D.  $10 \times 1 = 10$

- 10) A.  $4 \times 1 = 4$   
 B.  $(4 \times 7) \times 0 = 4 \times (7 \times 0)$   
 C.  $(4 \times 7) + (4 \times 0) = 4 \times (7 + 0)$   
 D.  $4 \times 7 = 7 \times 4$

- 11) A.  $3 \times (1 + 10) = (3 \times 1) + (3 \times 10)$   
 B.  $3 \times 1 = 1 \times 3$   
 C.  $3 \times (1 \times 10) = (3 \times 1) \times 10$   
 D.  $1 \times 3 = 3$

- 12) A.  $7 \times (0 \times 5) = (7 \times 0) \times 5$   
 B.  $7 \times (0 + 5) = (7 \times 0) + (7 \times 5)$   
 C.  $1 \times 7 = 7$   
 D.  $7 \times 0 = 0 \times 7$

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 11. \_\_\_\_\_  
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 C.  $1 \times 7 = 7$   
 D.  $7 \times 0 = 0 \times 7$

Answers

1. C

2. A

3. A

4. D

5. B

6. D

7. B

8. A

9. D

10. A

11. D

12. C