



Finding Identity Property of Multiplication

Name: _____

Determine which choice best shows the identity property of multiplication.**Answers**

1) A. $(7 \times 2) \times 4 = 7 \times (2 \times 4)$

B. $7 \times 2 = 2 \times 7$

C. $7 \times 1 = 7$

D. $(7 \times 2) + (7 \times 4) = 7 \times (2 + 4)$

2) A. $(7 \times 3) + (7 \times 2) = 7 \times (3 + 2)$

B. $7 \times 1 = 7$

C. $(7 \times 3) \times 2 = 7 \times (3 \times 2)$

D. $7 \times 3 = 3 \times 7$

1. _____

3) A. $2 \times 1 = 2$

B. $(2 \times 10) + (2 \times 8) = 2 \times (10 + 8)$

C. $(2 \times 10) \times 8 = 2 \times (10 \times 8)$

D. $2 \times 10 = 10 \times 2$

4) A. $9 \times 1 = 9$

B. $(9 \times 4) + (9 \times 5) = 9 \times (4 + 5)$

C. $(9 \times 4) \times 5 = 9 \times (4 \times 5)$

D. $9 \times 4 = 4 \times 9$

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

5) A. $1 \times 2 = 2$

B. $2 \times 3 = 3 \times 2$

C. $2 \times (3 + 5) = (2 \times 3) + (2 \times 5)$

D. $2 \times (3 \times 5) = (2 \times 3) \times 5$

6) A. $9 \times (3 + 7) = (9 \times 3) + (9 \times 7)$

B. $1 \times 9 = 9$

C. $9 \times 3 = 3 \times 9$

D. $9 \times (3 \times 7) = (9 \times 3) \times 7$

7) A. $5 \times (4 + 6) = (5 \times 4) + (5 \times 6)$

B. $5 \times (4 \times 6) = (5 \times 4) \times 6$

C. $1 \times 5 = 5$

D. $5 \times 4 = 4 \times 5$

8) A. $(2 \times 6) \times 0 = 2 \times (6 \times 0)$

B. $2 \times 6 = 6 \times 2$

C. $2 \times 1 = 2$

D. $(2 \times 6) + (2 \times 0) = 2 \times (6 + 0)$

9) A. $6 \times 10 = 10 \times 6$

B. $(6 \times 10) \times 1 = 6 \times (10 \times 1)$

C. $(6 \times 10) + (6 \times 1) = 6 \times (10 + 1)$

D. $6 \times 1 = 6$

10) A. $1 \times 10 = 10 \times 1$

B. $1 \times (10 \times 3) = (1 \times 10) \times 3$

C. $1 \times 1 = 1$

D. $1 \times (10 + 3) = (1 \times 10) + (1 \times 3)$

11) A. $(7 \times 5) \times 4 = 7 \times (5 \times 4)$

B. $7 \times 5 = 5 \times 7$

C. $7 \times 1 = 7$

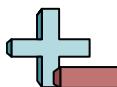
D. $(7 \times 5) + (7 \times 4) = 7 \times (5 + 4)$

12) A. $1 \times 9 = 9$

B. $9 \times 5 = 5 \times 9$

C. $9 \times (5 + 4) = (9 \times 5) + (9 \times 4)$

D. $9 \times (5 \times 4) = (9 \times 5) \times 4$



Determine which choice best shows the identity property of multiplication.

Answers

1) A. $(7 \times 2) \times 4 = 7 \times (2 \times 4)$

B. $7 \times 2 = 2 \times 7$

C. $7 \times 1 = 7$

D. $(7 \times 2) + (7 \times 4) = 7 \times (2 + 4)$

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C. $1 \times 5 = 5$

D. $5 \times 4 = 4 \times 5$

8) A. $(2 \times 6) \times 0 = 2 \times (6 \times 0)$

B. $2 \times 6 = 6 \times 2$

C. $2 \times 1 = 2$

D. $(2 \times 6) + (2 \times 0) = 2 \times (6 + 0)$

9) A. $6 \times 10 = 10 \times 6$

B. $(6 \times 10) \times 1 = 6 \times (10 \times 1)$

C. $(6 \times 10) + (6 \times 1) = 6 \times (10 + 1)$

D. $6 \times 1 = 6$

10) A. $1 \times 10 = 10 \times 1$

B. $1 \times (10 \times 3) = (1 \times 10) \times 3$

C. $1 \times 1 = 1$

D. $1 \times (10 + 3) = (1 \times 10) + (1 \times 3)$

11) A. $(7 \times 5) \times 4 = 7 \times (5 \times 4)$

B. $7 \times 5 = 5 \times 7$

C. $7 \times 1 = 7$

D. $(7 \times 5) + (7 \times 4) = 7 \times (5 + 4)$

12) A. $1 \times 9 = 9$

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C. $9 \times (5 + 4) = (9 \times 5) + (9 \times 4)$

D. $9 \times (5 \times 4) = (9 \times 5) \times 4$

1. **C**

2. **B**

3. **A**

4. **A**

5. **A**

6. **B**

7. **C**

8. **C**

9. **D**

10. **C**

11. **C**

12. **A**