



Finding Commutative Property of Multiplication

Name: _____

Determine which choice best shows the commutative property of multiplication.

Answers

- 1) A. $1 \times 8 = 8$
 B. $8 \times 2 = 2 \times 8$
 C. $8 \times (2 + 0) = (8 \times 2) + (8 \times 0)$
 D. $8 \times (2 \times 0) = (8 \times 2) \times 0$

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

- 3) A. $2 \times 1 = 2$
 B. $(2 \times 5) + (2 \times 9) = 2 \times (5 + 9)$
 C. $(2 \times 5) \times 9 = 2 \times (5 \times 9)$
 D. $2 \times 5 = 5 \times 2$

- 4) A. $1 \times 2 = 2$
 B. $2 \times (1 \times 8) = (2 \times 1) \times 8$
 C. $2 \times 1 = 1 \times 2$
 D. $2 \times (1 + 8) = (2 \times 1) + (2 \times 8)$

- 5) A. $6 \times (10 + 8) = (6 \times 10) + (6 \times 8)$
 B. $6 \times (10 \times 8) = (6 \times 10) \times 8$
 C. $6 \times 10 = 10 \times 6$
 D. $1 \times 6 = 6$

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

- 7) A. $6 \times (10 \times 7) = (6 \times 10) \times 7$
 B. $1 \times 6 = 6$
 C. $6 \times 10 = 10 \times 6$
 D. $6 \times (10 + 7) = (6 \times 10) + (6 \times 7)$

- 8) A. $(7 \times 8) \times 9 = 7 \times (8 \times 9)$
 B. $7 \times 8 = 8 \times 7$
 C. $(7 \times 8) + (7 \times 9) = 7 \times (8 + 9)$
 D. $7 \times 1 = 7$

- 9) A. $(6 \times 10) \times 8 = 6 \times (10 \times 8)$
 B. $6 \times 1 = 6$
 C. $(6 \times 10) + (6 \times 8) = 6 \times (10 + 8)$
 D. $6 \times 10 = 10 \times 6$

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

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

- 12) A. $10 \times 1 = 10$
 B. $(10 \times 6) + (10 \times 2) = 10 \times (6 + 2)$
 C. $(10 \times 6) \times 2 = 10 \times (6 \times 2)$
 D. $10 \times 6 = 6 \times 10$

1. _____

2. _____

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7. _____

8. _____

9. _____

10. _____

11. _____

12. _____



Finding Commutative Property of Multiplication Name: **Answer Key**

Determine which choice best shows the commutative property of multiplication.

Answers

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 D. $2 \times (1 + 8) = (2 \times 1) + (2 \times 8)$

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 B. $6 \times (10 \times 8) = (6 \times 10) \times 8$
 C. $6 \times 10 = 10 \times 6$
 D. $1 \times 6 = 6$

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 B. $3 \times 10 = 10 \times 3$
 C. $1 \times 3 = 3$
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 C. $6 \times 10 = 10 \times 6$
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- 8) A. $(7 \times 8) \times 9 = 7 \times (8 \times 9)$
 B. $7 \times 8 = 8 \times 7$
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 D. $7 \times 1 = 7$

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 B. $6 \times 1 = 6$
 C. $(6 \times 10) + (6 \times 8) = 6 \times (10 + 8)$
 D. $6 \times 10 = 10 \times 6$

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 B. $(9 \times 4) + (9 \times 1) = 9 \times (4 + 1)$
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- 11) A. $8 \times (1 \times 9) = (8 \times 1) \times 9$
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 D. $1 \times 8 = 8$

- 12) A. $10 \times 1 = 10$
 B. $(10 \times 6) + (10 \times 2) = 10 \times (6 + 2)$
 C. $(10 \times 6) \times 2 = 10 \times (6 \times 2)$
 D. $10 \times 6 = 6 \times 10$

1. **B**

2. **D**

3. **D**

4. **C**

5. **C**

6. **B**

7. **C**

8. **B**

9. **D**

10. **A**

11. **B**

12. **D**