

**Determine which choice best shows the distributive property of multiplication.**

- 1) A. $4 \times (7 \times 6) = (4 \times 7) \times 6$
B. $4 \times (7 + 6) = (4 \times 7) + (4 \times 6)$
C. $4 \times 7 = 7 \times 4$
D. $1 \times 4 = 4$

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

- 5) A. $7 \times 3 = 3 \times 7$
B. $7 \times (3 + 2) = (7 \times 3) + (7 \times 2)$
C. $1 \times 7 = 7$
D. $7 \times (3 \times 2) = (7 \times 3) \times 2$

- 7) A. $(8 \times 3) \times 2 = 8 \times (3 \times 2)$
B. $(8 \times 3) + (8 \times 2) = 8 \times (3 + 2)$
C. $8 \times 3 = 3 \times 8$
D. $8 \times 1 = 8$

- 9) A. $8 \times (10 + 2) = (8 \times 10) + (8 \times 2)$
B. $8 \times 10 = 10 \times 8$
C. $8 \times (10 \times 2) = (8 \times 10) \times 2$
D. $1 \times 8 = 8$

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

- 2) A. $1 \times 1 = 1$
B. $1 \times 4 = 4 \times 1$
C. $1 \times (4 + 6) = (1 \times 4) + (1 \times 6)$
D. $1 \times (4 \times 6) = (1 \times 4) \times 6$

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

- 6) A. $7 \times 5 = 5 \times 7$
B. $7 \times (5 + 6) = (7 \times 5) + (7 \times 6)$
C. $1 \times 7 = 7$
D. $7 \times (5 \times 6) = (7 \times 5) \times 6$

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

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

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

Answers

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Determine which choice best shows the distributive property of multiplication.

- 1) A. $4 \times (7 \times 6) = (4 \times 7) \times 6$
 B. $4 \times (7 + 6) = (4 \times 7) + (4 \times 6)$
 C. $4 \times 7 = 7 \times 4$
 D. $1 \times 4 = 4$

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

- 5) A. $7 \times 3 = 3 \times 7$
 B. $7 \times (3 + 2) = (7 \times 3) + (7 \times 2)$
 C. $1 \times 7 = 7$
 D. $7 \times (3 \times 2) = (7 \times 3) \times 2$

- 7) A. $(8 \times 3) \times 2 = 8 \times (3 \times 2)$
 B. $(8 \times 3) + (8 \times 2) = 8 \times (3 + 2)$
 C. $8 \times 3 = 3 \times 8$
 D. $8 \times 1 = 8$

- 9) A. $8 \times (10 + 2) = (8 \times 10) + (8 \times 2)$
 B. $8 \times 10 = 10 \times 8$
 C. $8 \times (10 \times 2) = (8 \times 10) \times 2$
 D. $1 \times 8 = 8$

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

- 2) A. $1 \times 1 = 1$
 B. $1 \times 4 = 4 \times 1$
 C. $1 \times (4 + 6) = (1 \times 4) + (1 \times 6)$
 D. $1 \times (4 \times 6) = (1 \times 4) \times 6$

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

- 6) A. $7 \times 5 = 5 \times 7$
 B. $7 \times (5 + 6) = (7 \times 5) + (7 \times 6)$
 C. $1 \times 7 = 7$
 D. $7 \times (5 \times 6) = (7 \times 5) \times 6$

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

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

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

Answers

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

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

- 1) A. $6 \times (4 + 8) = (6 \times 4) + (6 \times 8)$
B. $6 \times (4 \times 8) = (6 \times 4) \times 8$
C. $1 \times 6 = 6$
D. $6 \times 4 = 4 \times 6$

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

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

- 4) A. $(9 \times 0) + (9 \times 5) = 9 \times (0 + 5)$
B. $9 \times 1 = 9$
C. $9 \times 0 = 0 \times 9$
D. $(9 \times 0) \times 5 = 9 \times (0 \times 5)$

- 5) A. $9 \times (10 \times 0) = (9 \times 10) \times 0$
B. $9 \times 10 = 10 \times 9$
C. $9 \times (10 + 0) = (9 \times 10) + (9 \times 0)$
D. $1 \times 9 = 9$

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

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

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

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

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

- 11) A. $6 \times 9 = 9 \times 6$
B. $6 \times 1 = 6$
C. $(6 \times 9) + (6 \times 0) = 6 \times (9 + 0)$
D. $(6 \times 9) \times 0 = 6 \times (9 \times 0)$

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

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Determine which choice best shows the distributive property of multiplication.

- 1) A. $6 \times (4 + 8) = (6 \times 4) + (6 \times 8)$
 B. $6 \times (4 \times 8) = (6 \times 4) \times 8$
 C. $1 \times 6 = 6$
 D. $6 \times 4 = 4 \times 6$

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

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

- 4) A. $(9 \times 0) + (9 \times 5) = 9 \times (0 + 5)$
 B. $9 \times 1 = 9$
 C. $9 \times 0 = 0 \times 9$
 D. $(9 \times 0) \times 5 = 9 \times (0 \times 5)$

- 5) A. $9 \times (10 \times 0) = (9 \times 10) \times 0$
 B. $9 \times 10 = 10 \times 9$
 C. $9 \times (10 + 0) = (9 \times 10) + (9 \times 0)$
 D. $1 \times 9 = 9$

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

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

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

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

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

- 11) A. $6 \times 9 = 9 \times 6$
 B. $6 \times 1 = 6$
 C. $(6 \times 9) + (6 \times 0) = 6 \times (9 + 0)$
 D. $(6 \times 9) \times 0 = 6 \times (9 \times 0)$

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

Answers

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

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

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

- 2) A. $6 \times 1 = 6$
 B. $(6 \times 4) + (6 \times 1) = 6 \times (4 + 1)$
 C. $6 \times 4 = 4 \times 6$
 D. $(6 \times 4) \times 1 = 6 \times (4 \times 1)$

- 3) A. $0 \times (4 + 2) = (0 \times 4) + (0 \times 2)$
 B. $0 \times 4 = 4 \times 0$
 C. $1 \times 0 = 0$
 D. $0 \times (4 \times 2) = (0 \times 4) \times 2$

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

- 5) A. $3 \times 7 = 7 \times 3$
 B. $3 \times (7 \times 6) = (3 \times 7) \times 6$
 C. $1 \times 3 = 3$
 D. $3 \times (7 + 6) = (3 \times 7) + (3 \times 6)$

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

- 7) A. $0 \times 10 = 10 \times 0$
 B. $0 \times 1 = 0$
 C. $(0 \times 10) + (0 \times 6) = 0 \times (10 + 6)$
 D. $(0 \times 10) \times 6 = 0 \times (10 \times 6)$

- 8) A. $3 \times 1 = 3$
 B. $(3 \times 5) + (3 \times 7) = 3 \times (5 + 7)$
 C. $(3 \times 5) \times 7 = 3 \times (5 \times 7)$
 D. $3 \times 5 = 5 \times 3$

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

- 10) A. $5 \times (4 + 2) = (5 \times 4) + (5 \times 2)$
 B. $1 \times 5 = 5$
 C. $5 \times (4 \times 2) = (5 \times 4) \times 2$
 D. $5 \times 4 = 4 \times 5$

- 11) A. $10 \times 9 = 9 \times 10$
 B. $10 \times (9 \times 7) = (10 \times 9) \times 7$
 C. $10 \times (9 + 7) = (10 \times 9) + (10 \times 7)$
 D. $1 \times 10 = 10$

- 12) A. $5 \times (7 + 9) = (5 \times 7) + (5 \times 9)$
 B. $5 \times (7 \times 9) = (5 \times 7) \times 9$
 C. $1 \times 5 = 5$
 D. $5 \times 7 = 7 \times 5$

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**Determine which choice best shows the distributive property of multiplication.**

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

- 2) A. $6 \times 1 = 6$
 B. $(6 \times 4) + (6 \times 1) = 6 \times (4 + 1)$
 C. $6 \times 4 = 4 \times 6$
 D. $(6 \times 4) \times 1 = 6 \times (4 \times 1)$

- 3) A. $0 \times (4 + 2) = (0 \times 4) + (0 \times 2)$
 B. $0 \times 4 = 4 \times 0$
 C. $1 \times 0 = 0$
 D. $0 \times (4 \times 2) = (0 \times 4) \times 2$

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

- 5) A. $3 \times 7 = 7 \times 3$
 B. $3 \times (7 \times 6) = (3 \times 7) \times 6$
 C. $1 \times 3 = 3$
 D. $3 \times (7 + 6) = (3 \times 7) + (3 \times 6)$

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

- 7) A. $0 \times 10 = 10 \times 0$
 B. $0 \times 1 = 0$
 C. $(0 \times 10) + (0 \times 6) = 0 \times (10 + 6)$
 D. $(0 \times 10) \times 6 = 0 \times (10 \times 6)$

- 8) A. $3 \times 1 = 3$
 B. $(3 \times 5) + (3 \times 7) = 3 \times (5 + 7)$
 C. $(3 \times 5) \times 7 = 3 \times (5 \times 7)$
 D. $3 \times 5 = 5 \times 3$

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

- 10) A. $5 \times (4 + 2) = (5 \times 4) + (5 \times 2)$
 B. $1 \times 5 = 5$
 C. $5 \times (4 \times 2) = (5 \times 4) \times 2$
 D. $5 \times 4 = 4 \times 5$

- 11) A. $10 \times 9 = 9 \times 10$
 B. $10 \times (9 \times 7) = (10 \times 9) \times 7$
 C. $10 \times (9 + 7) = (10 \times 9) + (10 \times 7)$
 D. $1 \times 10 = 10$

- 12) A. $5 \times (7 + 9) = (5 \times 7) + (5 \times 9)$
 B. $5 \times (7 \times 9) = (5 \times 7) \times 9$
 C. $1 \times 5 = 5$
 D. $5 \times 7 = 7 \times 5$

Answers1. **D**2. **B**3. **A**4. **B**5. **D**6. **A**7. **C**8. **B**9. **A**10. **A**11. **C**12. **A**

**Determine which choice best shows the distributive property of multiplication.**

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

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

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

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

- 5) A. $0 \times 1 = 0$
 B. $(0 \times 5) \times 8 = 0 \times (5 \times 8)$
 C. $(0 \times 5) + (0 \times 8) = 0 \times (5 + 8)$
 D. $0 \times 5 = 5 \times 0$

- 6) A. $8 \times (2 + 3) = (8 \times 2) + (8 \times 3)$
 B. $1 \times 8 = 8$
 C. $8 \times (2 \times 3) = (8 \times 2) \times 3$
 D. $8 \times 2 = 2 \times 8$

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

- 8) A. $6 \times (1 \times 4) = (6 \times 1) \times 4$
 B. $6 \times (1 + 4) = (6 \times 1) + (6 \times 4)$
 C. $1 \times 6 = 6$
 D. $6 \times 1 = 1 \times 6$

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

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

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

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

Answers

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Determine which choice best shows the distributive property of multiplication.

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

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

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

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

- 5) A. $0 \times 1 = 0$
 B. $(0 \times 5) \times 8 = 0 \times (5 \times 8)$
 C. $(0 \times 5) + (0 \times 8) = 0 \times (5 + 8)$
 D. $0 \times 5 = 5 \times 0$

- 6) A. $8 \times (2 + 3) = (8 \times 2) + (8 \times 3)$
 B. $1 \times 8 = 8$
 C. $8 \times (2 \times 3) = (8 \times 2) \times 3$
 D. $8 \times 2 = 2 \times 8$

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

- 8) A. $6 \times (1 \times 4) = (6 \times 1) \times 4$
 B. $6 \times (1 + 4) = (6 \times 1) + (6 \times 4)$
 C. $1 \times 6 = 6$
 D. $6 \times 1 = 1 \times 6$

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

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

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

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

Answers

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



Determine which choice best shows the distributive property of multiplication.

Answers

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

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

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

- 4) A. $4 \times 0 = 0 \times 4$
 B. $4 \times (0 + 5) = (4 \times 0) + (4 \times 5)$
 C. $4 \times (0 \times 5) = (4 \times 0) \times 5$
 D. $1 \times 4 = 4$

- 5) A. $(9 \times 7) \times 10 = 9 \times (7 \times 10)$
 B. $9 \times 1 = 9$
 C. $9 \times 7 = 7 \times 9$
 D. $(9 \times 7) + (9 \times 10) = 9 \times (7 + 10)$

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

- 7) A. $0 \times 5 = 5 \times 0$
 B. $0 \times (5 \times 4) = (0 \times 5) \times 4$
 C. $1 \times 0 = 0$
 D. $0 \times (5 + 4) = (0 \times 5) + (0 \times 4)$

- 8) A. $(5 \times 7) + (5 \times 6) = 5 \times (7 + 6)$
 B. $5 \times 1 = 5$
 C. $5 \times 7 = 7 \times 5$
 D. $(5 \times 7) \times 6 = 5 \times (7 \times 6)$

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

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

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

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

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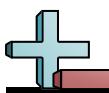
8. _____

9. _____

10. _____

11. _____

12. _____



Determine which choice best shows the distributive property of multiplication.

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

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

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

- 4) A. $4 \times 0 = 0 \times 4$
 B. $4 \times (0 + 5) = (4 \times 0) + (4 \times 5)$
 C. $4 \times (0 \times 5) = (4 \times 0) \times 5$
 D. $1 \times 4 = 4$

- 5) A. $(9 \times 7) \times 10 = 9 \times (7 \times 10)$
 B. $9 \times 1 = 9$
 C. $9 \times 7 = 7 \times 9$
 D. $(9 \times 7) + (9 \times 10) = 9 \times (7 + 10)$

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

- 7) A. $0 \times 5 = 5 \times 0$
 B. $0 \times (5 \times 4) = (0 \times 5) \times 4$
 C. $1 \times 0 = 0$
 D. $0 \times (5 + 4) = (0 \times 5) + (0 \times 4)$

- 8) A. $(5 \times 7) + (5 \times 6) = 5 \times (7 + 6)$
 B. $5 \times 1 = 5$
 C. $5 \times 7 = 7 \times 5$
 D. $(5 \times 7) \times 6 = 5 \times (7 \times 6)$

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

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

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

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

Answers

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



Determine which choice best shows the distributive property of multiplication.

Answers

1) A. $9 \times (2 + 7) = (9 \times 2) + (9 \times 7)$

B. $1 \times 9 = 9$

C. $9 \times (2 \times 7) = (9 \times 2) \times 7$

D. $9 \times 2 = 2 \times 9$

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

B. $4 \times 9 = 9 \times 4$

C. $(4 \times 9) + (4 \times 3) = 4 \times (9 + 3)$

D. $(4 \times 9) \times 3 = 4 \times (9 \times 3)$

3) A. $8 \times (10 \times 7) = (8 \times 10) \times 7$

B. $1 \times 8 = 8$

C. $8 \times (10 + 7) = (8 \times 10) + (8 \times 7)$

D. $8 \times 10 = 10 \times 8$

4) A. $1 \times 6 = 6$

B. $6 \times 4 = 4 \times 6$

C. $6 \times (4 + 5) = (6 \times 4) + (6 \times 5)$

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

5) A. $5 \times 8 = 8 \times 5$

B. $(5 \times 8) \times 10 = 5 \times (8 \times 10)$

C. $5 \times 1 = 5$

D. $(5 \times 8) + (5 \times 10) = 5 \times (8 + 10)$

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

B. $4 \times (2 + 9) = (4 \times 2) + (4 \times 9)$

C. $4 \times (2 \times 9) = (4 \times 2) \times 9$

D. $4 \times 2 = 2 \times 4$

7) A. $9 \times (3 + 10) = (9 \times 3) + (9 \times 10)$

B. $9 \times (3 \times 10) = (9 \times 3) \times 10$

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

D. $1 \times 9 = 9$

8) A. $5 \times (2 + 7) = (5 \times 2) + (5 \times 7)$

B. $5 \times 2 = 2 \times 5$

C. $1 \times 5 = 5$

D. $5 \times (2 \times 7) = (5 \times 2) \times 7$

9) A. $3 \times 5 = 5 \times 3$

B. $(3 \times 5) + (3 \times 6) = 3 \times (5 + 6)$

C. $3 \times 1 = 3$

D. $(3 \times 5) \times 6 = 3 \times (5 \times 6)$

10) A. $8 \times 3 = 3 \times 8$

B. $(8 \times 3) + (8 \times 7) = 8 \times (3 + 7)$

C. $8 \times 1 = 8$

D. $(8 \times 3) \times 7 = 8 \times (3 \times 7)$

11) A. $(6 \times 3) \times 7 = 6 \times (3 \times 7)$

B. $(6 \times 3) + (6 \times 7) = 6 \times (3 + 7)$

C. $6 \times 3 = 3 \times 6$

D. $6 \times 1 = 6$

12) A. $(1 \times 3) + (1 \times 8) = 1 \times (3 + 8)$

B. $1 \times 1 = 1$

C. $1 \times 3 = 3 \times 1$

D. $(1 \times 3) \times 8 = 1 \times (3 \times 8)$

1. _____

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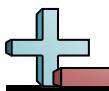
8. _____

9. _____

10. _____

11. _____

12. _____



Determine which choice best shows the distributive property of multiplication.

1) A. $9 \times (2 + 7) = (9 \times 2) + (9 \times 7)$

B. $1 \times 9 = 9$

C. $9 \times (2 \times 7) = (9 \times 2) \times 7$

D. $9 \times 2 = 2 \times 9$

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

B. $4 \times 9 = 9 \times 4$

C. $(4 \times 9) + (4 \times 3) = 4 \times (9 + 3)$

D. $(4 \times 9) \times 3 = 4 \times (9 \times 3)$

3) A. $8 \times (10 \times 7) = (8 \times 10) \times 7$

B. $1 \times 8 = 8$

C. $8 \times (10 + 7) = (8 \times 10) + (8 \times 7)$

D. $8 \times 10 = 10 \times 8$

4) A. $1 \times 6 = 6$

B. $6 \times 4 = 4 \times 6$

C. $6 \times (4 + 5) = (6 \times 4) + (6 \times 5)$

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

5) A. $5 \times 8 = 8 \times 5$

B. $(5 \times 8) \times 10 = 5 \times (8 \times 10)$

C. $5 \times 1 = 5$

D. $(5 \times 8) + (5 \times 10) = 5 \times (8 + 10)$

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

B. $4 \times (2 + 9) = (4 \times 2) + (4 \times 9)$

C. $4 \times (2 \times 9) = (4 \times 2) \times 9$

D. $4 \times 2 = 2 \times 4$

7) A. $9 \times (3 + 10) = (9 \times 3) + (9 \times 10)$

B. $9 \times (3 \times 10) = (9 \times 3) \times 10$

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

D. $1 \times 9 = 9$

8) A. $5 \times (2 + 7) = (5 \times 2) + (5 \times 7)$

B. $5 \times 2 = 2 \times 5$

C. $1 \times 5 = 5$

D. $5 \times (2 \times 7) = (5 \times 2) \times 7$

9) A. $3 \times 5 = 5 \times 3$

B. $(3 \times 5) + (3 \times 6) = 3 \times (5 + 6)$

C. $3 \times 1 = 3$

D. $(3 \times 5) \times 6 = 3 \times (5 \times 6)$

10) A. $8 \times 3 = 3 \times 8$

B. $(8 \times 3) + (8 \times 7) = 8 \times (3 + 7)$

C. $8 \times 1 = 8$

D. $(8 \times 3) \times 7 = 8 \times (3 \times 7)$

11) A. $(6 \times 3) \times 7 = 6 \times (3 \times 7)$

B. $(6 \times 3) + (6 \times 7) = 6 \times (3 + 7)$

C. $6 \times 3 = 3 \times 6$

D. $6 \times 1 = 6$

12) A. $(1 \times 3) + (1 \times 8) = 1 \times (3 + 8)$

B. $1 \times 1 = 1$

C. $1 \times 3 = 3 \times 1$

D. $(1 \times 3) \times 8 = 1 \times (3 \times 8)$

Answers1. **A**2. **C**3. **C**4. **C**5. **D**6. **B**7. **A**8. **A**9. **B**10. **B**11. **B**12. **A**

**Determine which choice best shows the distributive property of multiplication.**

- 1) A. $(5 \times 0) + (5 \times 2) = 5 \times (0 + 2)$
B. $(5 \times 0) \times 2 = 5 \times (0 \times 2)$
C. $5 \times 0 = 0 \times 5$
D. $5 \times 1 = 5$

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

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

- 7) A. $(7 \times 0) + (7 \times 2) = 7 \times (0 + 2)$
B. $7 \times 0 = 0 \times 7$
C. $7 \times 1 = 7$
D. $(7 \times 0) \times 2 = 7 \times (0 \times 2)$

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

- 11) A. $(6 \times 4) \times 10 = 6 \times (4 \times 10)$
B. $(6 \times 4) + (6 \times 10) = 6 \times (4 + 10)$
C. $6 \times 4 = 4 \times 6$
D. $6 \times 1 = 6$

- 2) A. $7 \times 4 = 4 \times 7$
B. $7 \times 1 = 7$
C. $(7 \times 4) \times 6 = 7 \times (4 \times 6)$
D. $(7 \times 4) + (7 \times 6) = 7 \times (4 + 6)$

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

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

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

- 10) A. $1 \times 7 = 7$
B. $7 \times (0 + 8) = (7 \times 0) + (7 \times 8)$
C. $7 \times 0 = 0 \times 7$
D. $7 \times (0 \times 8) = (7 \times 0) \times 8$

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

Answers

1. _____

2. _____

3. _____

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6. _____

7. _____

8. _____

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10. _____

11. _____

12. _____



Determine which choice best shows the distributive property of multiplication.

- 1) A. $(5 \times 0) + (5 \times 2) = 5 \times (0 + 2)$
 B. $(5 \times 0) \times 2 = 5 \times (0 \times 2)$
 C. $5 \times 0 = 0 \times 5$
 D. $5 \times 1 = 5$

- 2) A. $7 \times 4 = 4 \times 7$
 B. $7 \times 1 = 7$
 C. $(7 \times 4) \times 6 = 7 \times (4 \times 6)$
 D. $(7 \times 4) + (7 \times 6) = 7 \times (4 + 6)$

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

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

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

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

- 7) A. $(7 \times 0) + (7 \times 2) = 7 \times (0 + 2)$
 B. $7 \times 0 = 0 \times 7$
 C. $7 \times 1 = 7$
 D. $(7 \times 0) \times 2 = 7 \times (0 \times 2)$

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

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

- 10) A. $1 \times 7 = 7$
 B. $7 \times (0 + 8) = (7 \times 0) + (7 \times 8)$
 C. $7 \times 0 = 0 \times 7$
 D. $7 \times (0 \times 8) = (7 \times 0) \times 8$

- 11) A. $(6 \times 4) \times 10 = 6 \times (4 \times 10)$
 B. $(6 \times 4) + (6 \times 10) = 6 \times (4 + 10)$
 C. $6 \times 4 = 4 \times 6$
 D. $6 \times 1 = 6$

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

Answers

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

**Determine which choice best shows the distributive property of multiplication.**

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

- 2) A. $(10 \times 0) + (10 \times 6) = 10 \times (0 + 6)$
B. $10 \times 1 = 10$
C. $10 \times 0 = 0 \times 10$
D. $(10 \times 0) \times 6 = 10 \times (0 \times 6)$

- 3) A. $8 \times 2 = 2 \times 8$
B. $8 \times (2 + 10) = (8 \times 2) + (8 \times 10)$
C. $8 \times (2 \times 10) = (8 \times 2) \times 10$
D. $1 \times 8 = 8$

- 4) A. $3 \times 1 = 3$
B. $3 \times 2 = 2 \times 3$
C. $(3 \times 2) + (3 \times 8) = 3 \times (2 + 8)$
D. $(3 \times 2) \times 8 = 3 \times (2 \times 8)$

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

- 6) A. $(8 \times 10) + (8 \times 4) = 8 \times (10 + 4)$
B. $(8 \times 10) \times 4 = 8 \times (10 \times 4)$
C. $8 \times 1 = 8$
D. $8 \times 10 = 10 \times 8$

- 7) A. $2 \times 0 = 0 \times 2$
B. $(2 \times 0) \times 10 = 2 \times (0 \times 10)$
C. $(2 \times 0) + (2 \times 10) = 2 \times (0 + 10)$
D. $2 \times 1 = 2$

- 8) A. $5 \times 10 = 10 \times 5$
B. $(5 \times 10) \times 4 = 5 \times (10 \times 4)$
C. $5 \times 1 = 5$
D. $(5 \times 10) + (5 \times 4) = 5 \times (10 + 4)$

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

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

- 11) A. $1 \times 6 = 6$
B. $6 \times (7 \times 5) = (6 \times 7) \times 5$
C. $6 \times 7 = 7 \times 6$
D. $6 \times (7 + 5) = (6 \times 7) + (6 \times 5)$

- 12) A. $6 \times (3 \times 7) = (6 \times 3) \times 7$
B. $6 \times 3 = 3 \times 6$
C. $6 \times (3 + 7) = (6 \times 3) + (6 \times 7)$
D. $1 \times 6 = 6$

Answers

1. _____

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3. _____

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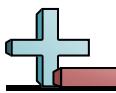
8. _____

9. _____

10. _____

11. _____

12. _____



Determine which choice best shows the distributive property of multiplication.

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

- 2) A. $(10 \times 0) + (10 \times 6) = 10 \times (0 + 6)$
 B. $10 \times 1 = 10$
 C. $10 \times 0 = 0 \times 10$
 D. $(10 \times 0) \times 6 = 10 \times (0 \times 6)$

- 3) A. $8 \times 2 = 2 \times 8$
 B. $8 \times (2 + 10) = (8 \times 2) + (8 \times 10)$
 C. $8 \times (2 \times 10) = (8 \times 2) \times 10$
 D. $1 \times 8 = 8$

- 4) A. $3 \times 1 = 3$
 B. $3 \times 2 = 2 \times 3$
 C. $(3 \times 2) + (3 \times 8) = 3 \times (2 + 8)$
 D. $(3 \times 2) \times 8 = 3 \times (2 \times 8)$

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

- 6) A. $(8 \times 10) + (8 \times 4) = 8 \times (10 + 4)$
 B. $(8 \times 10) \times 4 = 8 \times (10 \times 4)$
 C. $8 \times 1 = 8$
 D. $8 \times 10 = 10 \times 8$

- 7) A. $2 \times 0 = 0 \times 2$
 B. $(2 \times 0) \times 10 = 2 \times (0 \times 10)$
 C. $(2 \times 0) + (2 \times 10) = 2 \times (0 + 10)$
 D. $2 \times 1 = 2$

- 8) A. $5 \times 10 = 10 \times 5$
 B. $(5 \times 10) \times 4 = 5 \times (10 \times 4)$
 C. $5 \times 1 = 5$
 D. $(5 \times 10) + (5 \times 4) = 5 \times (10 + 4)$

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

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

- 11) A. $1 \times 6 = 6$
 B. $6 \times (7 \times 5) = (6 \times 7) \times 5$
 C. $6 \times 7 = 7 \times 6$
 D. $6 \times (7 + 5) = (6 \times 7) + (6 \times 5)$

- 12) A. $6 \times (3 \times 7) = (6 \times 3) \times 7$
 B. $6 \times 3 = 3 \times 6$
 C. $6 \times (3 + 7) = (6 \times 3) + (6 \times 7)$
 D. $1 \times 6 = 6$

Answers

1. **D**

2. **A**

3. **B**

4. **C**

5. **B**

6. **A**

7. **C**

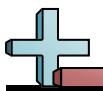
8. **D**

9. **D**

10. **C**

11. **D**

12. **C**



Determine which choice best shows the distributive property of multiplication.

Answers

1) A. $1 \times (0 \times 7) = (1 \times 0) \times 7$

2) A. $2 \times 7 = 7 \times 2$

B. $1 \times 0 = 0 \times 1$

B. $1 \times 2 = 2$

C. $1 \times (0 + 7) = (1 \times 0) + (1 \times 7)$

C. $2 \times (7 \times 8) = (2 \times 7) \times 8$

D. $1 \times 1 = 1$

D. $2 \times (7 + 8) = (2 \times 7) + (2 \times 8)$

1. _____

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

4) A. $(5 \times 1) + (5 \times 2) = 5 \times (1 + 2)$

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

B. $5 \times 1 = 5$

C. $5 \times (9 \times 0) = (5 \times 9) \times 0$

C. $(5 \times 1) \times 2 = 5 \times (1 \times 2)$

D. $5 \times (9 + 0) = (5 \times 9) + (5 \times 0)$

D. $5 \times 1 = 1 \times 5$

4. _____

5. _____

6. _____

5) A. $(9 \times 10) + (9 \times 4) = 9 \times (10 + 4)$

6) A. $(7 \times 2) + (7 \times 0) = 7 \times (2 + 0)$

B. $9 \times 1 = 9$

B. $(7 \times 2) \times 0 = 7 \times (2 \times 0)$

C. $(9 \times 10) \times 4 = 9 \times (10 \times 4)$

C. $7 \times 2 = 2 \times 7$

D. $9 \times 10 = 10 \times 9$

D. $7 \times 1 = 7$

7. _____

8. _____

9. _____

10. _____

7) A. $9 \times (10 + 2) = (9 \times 10) + (9 \times 2)$

8) A. $7 \times 1 = 7$

B. $9 \times 10 = 10 \times 9$

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

C. $1 \times 9 = 9$

C. $7 \times 3 = 3 \times 7$

D. $9 \times (10 \times 2) = (9 \times 10) \times 2$

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

11. _____

12. _____

9) A. $(5 \times 9) + (5 \times 8) = 5 \times (9 + 8)$

10) A. $0 \times (7 \times 5) = (0 \times 7) \times 5$

B. $(5 \times 9) \times 8 = 5 \times (9 \times 8)$

B. $1 \times 0 = 0$

C. $5 \times 9 = 9 \times 5$

C. $0 \times (7 + 5) = (0 \times 7) + (0 \times 5)$

D. $5 \times 1 = 5$

D. $0 \times 7 = 7 \times 0$

11) A. $(5 \times 2) + (5 \times 4) = 5 \times (2 + 4)$

12) A. $5 \times (10 + 6) = (5 \times 10) + (5 \times 6)$

B. $(5 \times 2) \times 4 = 5 \times (2 \times 4)$

B. $5 \times 10 = 10 \times 5$

C. $5 \times 1 = 5$

C. $5 \times (10 \times 6) = (5 \times 10) \times 6$

D. $5 \times 2 = 2 \times 5$

D. $1 \times 5 = 5$

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11



Determine which choice best shows the distributive property of multiplication.

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

- 2) A. $2 \times 7 = 7 \times 2$
 B. $1 \times 2 = 2$
 C. $2 \times (7 \times 8) = (2 \times 7) \times 8$
 D. $2 \times (7 + 8) = (2 \times 7) + (2 \times 8)$

- 3) A. $1 \times 5 = 5$
 B. $5 \times 9 = 9 \times 5$
 C. $5 \times (9 \times 0) = (5 \times 9) \times 0$
 D. $5 \times (9 + 0) = (5 \times 9) + (5 \times 0)$

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

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

- 6) A. $(7 \times 2) + (7 \times 0) = 7 \times (2 + 0)$
 B. $(7 \times 2) \times 0 = 7 \times (2 \times 0)$
 C. $7 \times 2 = 2 \times 7$
 D. $7 \times 1 = 7$

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

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

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

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

- 11) A. $(5 \times 2) + (5 \times 4) = 5 \times (2 + 4)$
 B. $(5 \times 2) \times 4 = 5 \times (2 \times 4)$
 C. $5 \times 1 = 5$
 D. $5 \times 2 = 2 \times 5$

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

Answers

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

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

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

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

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

- 4) A. $(10 \times 4) + (10 \times 6) = 10 \times (4 + 6)$
 B. $(10 \times 4) \times 6 = 10 \times (4 \times 6)$
 C. $10 \times 4 = 4 \times 10$
 D. $10 \times 1 = 10$

- 5) A. $5 \times (0 + 4) = (5 \times 0) + (5 \times 4)$
 B. $1 \times 5 = 5$
 C. $5 \times 0 = 0 \times 5$
 D. $5 \times (0 \times 4) = (5 \times 0) \times 4$

- 6) A. $(3 \times 5) \times 7 = 3 \times (5 \times 7)$
 B. $3 \times 5 = 5 \times 3$
 C. $3 \times 1 = 3$
 D. $(3 \times 5) + (3 \times 7) = 3 \times (5 + 7)$

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

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

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

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

- 11) A. $8 \times 1 = 8$
 B. $(8 \times 7) \times 6 = 8 \times (7 \times 6)$
 C. $8 \times 7 = 7 \times 8$
 D. $(8 \times 7) + (8 \times 6) = 8 \times (7 + 6)$

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

1. _____

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**Determine which choice best shows the distributive property of multiplication.**

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

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

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

- 4) A. $(10 \times 4) + (10 \times 6) = 10 \times (4 + 6)$
 B. $(10 \times 4) \times 6 = 10 \times (4 \times 6)$
 C. $10 \times 4 = 4 \times 10$
 D. $10 \times 1 = 10$

- 5) A. $5 \times (0 + 4) = (5 \times 0) + (5 \times 4)$
 B. $1 \times 5 = 5$
 C. $5 \times 0 = 0 \times 5$
 D. $5 \times (0 \times 4) = (5 \times 0) \times 4$

- 6) A. $(3 \times 5) \times 7 = 3 \times (5 \times 7)$
 B. $3 \times 5 = 5 \times 3$
 C. $3 \times 1 = 3$
 D. $(3 \times 5) + (3 \times 7) = 3 \times (5 + 7)$

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

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

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

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

- 11) A. $8 \times 1 = 8$
 B. $(8 \times 7) \times 6 = 8 \times (7 \times 6)$
 C. $8 \times 7 = 7 \times 8$
 D. $(8 \times 7) + (8 \times 6) = 8 \times (7 + 6)$

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

Answers1. **C**2. **C**3. **D**4. **A**5. **A**6. **D**7. **B**8. **D**9. **A**10. **A**11. **D**12. **C**