

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

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

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

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

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

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

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

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

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

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

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

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

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

1. _____
2. _____
3. _____
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9. _____
10. _____
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D. $1 \times 0 = 0$

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