Finding Distributive Property of Multiplication

Name:

Determine which choice best shows the distributive property of multiplication.

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

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

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

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

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

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

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

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

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

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

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

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

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1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

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1.   **B**

2.   **C**

3.   **C**

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4.   **B**

5.   **B**

6.   **C**

7.   **D**

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8.   **D**

9.   **A**

10.   **B**

7)   A. $(3 \times 6) \times 1 = 3 \times (6 \times 1)$
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8)   A. $3 \times 7 = 7 \times 3$
B. $3 \times (7 \times 5) = (3 \times 7) \times 5$
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11.   **B**

12.   **A**

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