Determine which choice best shows the commutative property of multiplication.

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

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

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

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

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

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

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

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

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

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

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

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

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____

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

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

Answers

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

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