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

1) A. $0 \times(3+1)=(0 \times 3)+(0 \times 1)$
B. $0 \times(3 \times 1)=(0 \times 3) \times 1$
C. $1 \times 0=0$
D. $0 \times 3=3 \times 0$
2) A. $9 \times 1=9$
B. $9 \times 4=4 \times 9$
C. $(9 \times 4)+(9 \times 2)=9 \times(4+2)$
D. $(9 \times 4) \times 2=9 \times(4 \times 2)$
3) A. $(10 \times 5)+(10 \times 1)=10 \times(5+1)$
B. $(10 \times 5) \times 1=10 \times(5 \times 1)$
C. $10 \times 5=5 \times 10$
D. $10 \times 1=10$
4) A. $8 \times(6 \times 7)=(8 \times 6) \times 7$
5) A. $3 \times 0=0 \times 3$
B. $(3 \times 0) \times 5=3 \times(0 \times 5)$
C. $3 \times 1=3$
D. $(3 \times 0)+(3 \times 5)=3 \times(0+5)$
6) A. $2 \times(8+0)=(2 \times 8)+(2 \times 0)$
B. $1 \times 2=2$
C. $2 \times 8=8 \times 2$
D. $2 \times(8 \times 0)=(2 \times 8) \times 0$
7) A. $7 \times 5=5 \times 7$
B. $7 \times 1=7$
C. $(7 \times 5) \times 2=7 \times(5 \times 2)$
D. $(7 \times 5)+(7 \times 2)=7 \times(5+2)$
8) A. $(5 \times 4) \times 8=5 \times(4 \times 8)$
B. $(5 \times 4)+(5 \times 8)=5 \times(4+8)$
C. $5 \times 1=5$
D. $5 \times 4=4 \times 5$
9) A. $2 \times(3+0)=(2 \times 3)+(2 \times 0)$
B. $2 \times 3=3 \times 2$
C. $2 \times(3 \times 0)=(2 \times 3) \times 0$
D. $1 \times 2=2$
10) A. $10 \times 1=10$
B. $(10 \times 7) \times 8=10 \times(7 \times 8)$
11) A. $2 \times 9=9 \times 2$
B. $2 \times(9 \times 8)=(2 \times 9) \times 8$
C. $1 \times 2=2$
D. $(10 \times 7)+(10 \times 8)=10 \times(7+8)$
12) A. $8 \times 6=6 \times 8$
B. $8 \times(6 \times 7)=(8 \times 6) \times 7$
C. $1 \times 8=8$
D. $8 \times(6+7)=(8 \times 6)+(8 \times 7)$
1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
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C. $5 \times 1=5$
D. $5 \times 4=4 \times 5$
1. | 2. | $\mathbf{A}$ |
| :--- | :--- |
| 3. | $\mathbf{D}$ |
2. B
3. $\mathbf{A}$
4. 


7. C
8.

## D

9. $\mathbf{A}$
10. $\qquad$
11. $\qquad$
12. $\qquad$
9) A. $2 \times(3+0)=(2 \times 3)+(2 \times 0)$
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D. $2 \times(9+8)=(2 \times 9)+(2 \times 8)$
