Determine which choice best shows the associative property of multiplication.

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

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D. $(5 \times 9) \times 0=5 \times(9 \times 0)$
8) A. $(10 \times 6)+(10 \times 4)=10 \times(6+4)$
B. $10 \times 1=10$
C. $(10 \times 6) \times 4=10 \times(6 \times 4)$
D. $10 \times 6=6 \times 10$
D. $1 \times 8=8$
9) A. $0 \times 8=8 \times 0$
B. $0 \times 1=0$
C. $(0 \times 8) \times 6=0 \times(8 \times 6)$
D. $(0 \times 8)+(0 \times 6)=0 \times(8+6)$
10) A. $9 \times(1 \times 10)=(9 \times 1) \times 10$
B. $9 \times 1=1 \times 9$
C. $1 \times 9=9$
D. $9 \times(1+10)=(9 \times 1)+(9 \times 10)$
$\qquad$
8. $\mathbf{C}$
9. C
10. $\qquad$
11. $\qquad$

Answers
2) A. $4 \times(3+1)=(4 \times 3)+(4 \times 1)$
B. $4 \times(3 \times 1)=(4 \times 3) \times 1$
C. $4 \times 3=3 \times 4$
D. $1 \times 4=4$
4) A. $3 \times 5=5 \times 3$
B. $1 \times 3=3$
C. $3 \times(5 \times 7)=(3 \times 5) \times 7$
D. $3 \times(5+7)=(3 \times 5)+(3 \times 7)$
5. $\mathbf{D}$
6. $\mathbf{A}$
7.


