Determine which choice best shows the identity property of multiplication.
Answers
2) A. $(9 \times 7) \times 3=9 \times(7 \times 3)$
B. $9 \times 1=9$
C. $9 \times 7=7 \times 9$
C. $0 \times 1=0$
D. $(9 \times 7)+(9 \times 3)=9 \times(7+3)$
3) A. $1 \times 3=3$
4) A. $9 \times 10=10 \times 9$
B. $3 \times(8+6)=(3 \times 8)+(3 \times 6)$
B. $9 \times 1=9$
C. $3 \times(8 \times 6)=(3 \times 8) \times 6$
C. $(9 \times 10)+(9 \times 2)=9 \times(10+2)$
D. $3 \times 8=8 \times 3$
D. $(9 \times 10) \times 2=9 \times(10 \times 2)$
5) A. $1 \times 4=4$
B. $4 \times 7=7 \times 4$
6) A. $(4 \times 7) \times 0=4 \times(7 \times 0)$
B. $(4 \times 7)+(4 \times 0)=4 \times(7+0)$
C. $4 \times(7+0)=(4 \times 7)+(4 \times 0)$
C. $4 \times 1=4$
D. $4 \times(7 \times 0)=(4 \times 7) \times 0$
D. $4 \times 7=7 \times 4$
8) A. $6 \times 3=3 \times 6$
B. $(6 \times 3)+(6 \times 9)=6 \times(3+9)$
C. $6 \times 1=6$
D. $(6 \times 3) \times 9=6 \times(3 \times 9)$
11. $\qquad$
B. $(8 \times 1)+(8 \times 3)=8 \times(1+3)$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
7) A. $8 \times 1=1 \times 8$
C. $8 \times 1=8$
D. $(8 \times 1) \times 3=8 \times(1 \times 3)$
D. $(6 \times 3) \times 9=6 \times(3 \times 9)$
12. $\qquad$
9) A. $1 \times 1=1$
B. $1 \times(5+10)=(1 \times 5)+(1 \times 10)$
10) A. $7 \times(1+8)=(7 \times 1)+(7 \times 8)$
B. $7 \times 1=1 \times 7$
C. $1 \times 5=5 \times 1$
C. $7 \times(1 \times 8)=(7 \times 1) \times 8$
D. $1 \times(5 \times 10)=(1 \times 5) \times 10$
D. $1 \times 7=7$
11) A. $4 \times 2=2 \times 4$
B. $4 \times(2+7)=(4 \times 2)+(4 \times 7)$
12) A. $2 \times 1=2$
C. $1 \times 4=4$
B. $(2 \times 7)+(2 \times 5)=2 \times(7+5)$
D. $4 \times(2 \times 7)=(4 \times 2) \times 7$
C. $(2 \times 7) \times 5=2 \times(7 \times 5)$
D. $2 \times 7=7 \times 2$

Determine which choice best shows the identity property of multiplication.

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

Answers

1. C
2. $\mathbf{B}$
3. $\qquad$

4 $\qquad$
5. $\qquad$
6.
6. C
7.

C
8. C
9. $\qquad$
10.
11. $\qquad$
12. $\qquad$

