



Finding Identity Property of Multiplication

Name: _____

Determine which choice best shows the identity property of multiplication.**Answers**

1) A. $(5 \times 2) \times 9 = 5 \times (2 \times 9)$

2) A. $1 \times (5 + 7) = (1 \times 5) + (1 \times 7)$

B. $5 \times 1 = 5$

B. $1 \times 5 = 5 \times 1$

C. $(5 \times 2) + (5 \times 9) = 5 \times (2 + 9)$

C. $1 \times 1 = 1$

D. $5 \times 2 = 2 \times 5$

D. $1 \times (5 \times 7) = (1 \times 5) \times 7$

1. _____

3) A. $6 \times 1 = 6$

4) A. $1 \times 0 = 0$

B. $(6 \times 9) + (6 \times 7) = 6 \times (9 + 7)$

B. $0 \times (7 + 6) = (0 \times 7) + (0 \times 6)$

C. $(6 \times 9) \times 7 = 6 \times (9 \times 7)$

C. $0 \times (7 \times 6) = (0 \times 7) \times 6$

D. $6 \times 9 = 9 \times 6$

D. $0 \times 7 = 7 \times 0$

4. _____

5) A. $1 \times 2 = 2$

6) A. $8 \times 1 = 8$

B. $2 \times (10 \times 4) = (2 \times 10) \times 4$

B. $(8 \times 7) + (8 \times 9) = 8 \times (7 + 9)$

C. $2 \times 10 = 10 \times 2$

C. $8 \times 7 = 7 \times 8$

D. $2 \times (10 + 4) = (2 \times 10) + (2 \times 4)$

D. $(8 \times 7) \times 9 = 8 \times (7 \times 9)$

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

7) A. $5 \times 1 = 5$

8) A. $(7 \times 5) \times 0 = 7 \times (5 \times 0)$

B. $(5 \times 9) + (5 \times 8) = 5 \times (9 + 8)$

B. $(7 \times 5) + (7 \times 0) = 7 \times (5 + 0)$

C. $5 \times 9 = 9 \times 5$

C. $7 \times 5 = 5 \times 7$

D. $(5 \times 9) \times 8 = 5 \times (9 \times 8)$

D. $7 \times 1 = 7$

9) A. $9 \times (2 + 3) = (9 \times 2) + (9 \times 3)$

10) A. $3 \times (5 \times 4) = (3 \times 5) \times 4$

B. $9 \times 2 = 2 \times 9$

B. $3 \times (5 + 4) = (3 \times 5) + (3 \times 4)$

C. $9 \times (2 \times 3) = (9 \times 2) \times 3$

C. $3 \times 5 = 5 \times 3$

D. $1 \times 9 = 9$

D. $1 \times 3 = 3$

11) A. $9 \times 10 = 10 \times 9$

12) A. $(0 \times 7) + (0 \times 2) = 0 \times (7 + 2)$

B. $9 \times (10 \times 0) = (9 \times 10) \times 0$

B. $0 \times 7 = 7 \times 0$

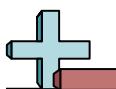
C. $9 \times (10 + 0) = (9 \times 10) + (9 \times 0)$

C. $0 \times 1 = 0$

D. $1 \times 9 = 9$

D. $(0 \times 7) \times 2 = 0 \times (7 \times 2)$

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



Finding Identity Property of Multiplication

Name: **Answer Key****Determine which choice best shows the identity property of multiplication.**

1) A. $(5 \times 2) \times 9 = 5 \times (2 \times 9)$

B. $5 \times 1 = 5$

C. $(5 \times 2) + (5 \times 9) = 5 \times (2 + 9)$

D. $5 \times 2 = 2 \times 5$

2) A. $1 \times (5 + 7) = (1 \times 5) + (1 \times 7)$

B. $1 \times 5 = 5 \times 1$

C. $1 \times 1 = 1$

D. $1 \times (5 \times 7) = (1 \times 5) \times 7$

3) A. $6 \times 1 = 6$

B. $(6 \times 9) + (6 \times 7) = 6 \times (9 + 7)$

C. $(6 \times 9) \times 7 = 6 \times (9 \times 7)$

D. $6 \times 9 = 9 \times 6$

4) A. $1 \times 0 = 0$

B. $0 \times (7 + 6) = (0 \times 7) + (0 \times 6)$

C. $0 \times (7 \times 6) = (0 \times 7) \times 6$

D. $0 \times 7 = 7 \times 0$

5) A. $1 \times 2 = 2$

B. $2 \times (10 \times 4) = (2 \times 10) \times 4$

C. $2 \times 10 = 10 \times 2$

D. $2 \times (10 + 4) = (2 \times 10) + (2 \times 4)$

6) A. $8 \times 1 = 8$

B. $(8 \times 7) + (8 \times 9) = 8 \times (7 + 9)$

C. $8 \times 7 = 7 \times 8$

D. $(8 \times 7) \times 9 = 8 \times (7 \times 9)$

7) A. $5 \times 1 = 5$

B. $(5 \times 9) + (5 \times 8) = 5 \times (9 + 8)$

C. $5 \times 9 = 9 \times 5$

D. $(5 \times 9) \times 8 = 5 \times (9 \times 8)$

8) A. $(7 \times 5) \times 0 = 7 \times (5 \times 0)$

B. $(7 \times 5) + (7 \times 0) = 7 \times (5 + 0)$

C. $7 \times 5 = 5 \times 7$

D. $7 \times 1 = 7$

9) A. $9 \times (2 + 3) = (9 \times 2) + (9 \times 3)$

B. $9 \times 2 = 2 \times 9$

C. $9 \times (2 \times 3) = (9 \times 2) \times 3$

D. $1 \times 9 = 9$

10) A. $3 \times (5 \times 4) = (3 \times 5) \times 4$

B. $3 \times (5 + 4) = (3 \times 5) + (3 \times 4)$

C. $3 \times 5 = 5 \times 3$

D. $1 \times 3 = 3$

11) A. $9 \times 10 = 10 \times 9$

B. $9 \times (10 \times 0) = (9 \times 10) \times 0$

C. $9 \times (10 + 0) = (9 \times 10) + (9 \times 0)$

D. $1 \times 9 = 9$

12) A. $(0 \times 7) + (0 \times 2) = 0 \times (7 + 2)$

B. $0 \times 7 = 7 \times 0$

C. $0 \times 1 = 0$

D. $(0 \times 7) \times 2 = 0 \times (7 \times 2)$

Answers1. **B**2. **C**3. **A**4. **A**5. **A**6. **A**7. **A**8. **D**9. **D**10. **D**11. **D**12. **C**

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