



Finding Associative Property of Multiplication

Name: _____

Determine which choice best shows the associative property of multiplication.

		<u>Answers</u>		
1)	A. $(10 \times 6) \times 5 = 10 \times (6 \times 5)$ B. $(10 \times 6) + (10 \times 5) = 10 \times (6 + 5)$ C. $10 \times 1 = 10$ D. $10 \times 6 = 6 \times 10$	2)	A. $7 \times 2 = 2 \times 7$ B. $7 \times 1 = 7$ C. $(7 \times 2) \times 0 = 7 \times (2 \times 0)$ D. $(7 \times 2) + (7 \times 0) = 7 \times (2 + 0)$	1. _____
3)	A. $(3 \times 9) \times 4 = 3 \times (9 \times 4)$ B. $3 \times 9 = 9 \times 3$ C. $3 \times 1 = 3$ D. $(3 \times 9) + (3 \times 4) = 3 \times (9 + 4)$	4)	A. $(9 \times 2) + (9 \times 3) = 9 \times (2 + 3)$ B. $9 \times 2 = 2 \times 9$ C. $9 \times 1 = 9$ D. $(9 \times 2) \times 3 = 9 \times (2 \times 3)$	2. _____
5)	A. $1 \times 5 = 5$ B. $5 \times (7 + 6) = (5 \times 7) + (5 \times 6)$ C. $5 \times (7 \times 6) = (5 \times 7) \times 6$ D. $5 \times 7 = 7 \times 5$	6)	A. $(5 \times 10) \times 9 = 5 \times (10 \times 9)$ B. $5 \times 10 = 10 \times 5$ C. $(5 \times 10) + (5 \times 9) = 5 \times (10 + 9)$ D. $5 \times 1 = 5$	3. _____
7)	A. $(8 \times 3) \times 6 = 8 \times (3 \times 6)$ B. $8 \times 1 = 8$ C. $(8 \times 3) + (8 \times 6) = 8 \times (3 + 6)$ D. $8 \times 3 = 3 \times 8$	8)	A. $1 \times 1 = 1$ B. $1 \times (8 + 4) = (1 \times 8) + (1 \times 4)$ C. $1 \times (8 \times 4) = (1 \times 8) \times 4$ D. $1 \times 8 = 8 \times 1$	4. _____
9)	A. $3 \times (2 + 10) = (3 \times 2) + (3 \times 10)$ B. $3 \times 2 = 2 \times 3$ C. $3 \times (2 \times 10) = (3 \times 2) \times 10$ D. $1 \times 3 = 3$	10)	A. $1 \times 9 = 9$ B. $9 \times (7 + 5) = (9 \times 7) + (9 \times 5)$ C. $9 \times (7 \times 5) = (9 \times 7) \times 5$ D. $9 \times 7 = 7 \times 9$	5. _____
11)	A. $(1 \times 10) \times 7 = 1 \times (10 \times 7)$ B. $1 \times 10 = 10 \times 1$ C. $(1 \times 10) + (1 \times 7) = 1 \times (10 + 7)$ D. $1 \times 1 = 1$	12)	A. $6 \times (8 + 3) = (6 \times 8) + (6 \times 3)$ B. $6 \times 8 = 8 \times 6$ C. $1 \times 6 = 6$ D. $6 \times (8 \times 3) = (6 \times 8) \times 3$	6. _____
				7. _____
				8. _____
				9. _____
				10. _____
				11. _____
				12. _____