

Addition and the Associative Property: Which Is Correct?

For each problem below, circle the equation that represents the problem using the associative property.

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|-----------------|-----------------|--------------------|-----------------|
| 1) $3 + (4+5)$ | A) $3 + (5+4)$ | B) $3 + 5 + 3 + 4$ | C) $(3+4) + 5$ |
| 2) $(6+1) + 2$ | A) $6 + (1+2)$ | B) $6 + 3$ | C) $(1+6) + 2$ |
| 3) $(8+5) + 9$ | A) $8 + 14$ | B) $(5+8) + 9$ | C) $8 + (5+9)$ |
| 4) $(3+7) + 5$ | A) 3×5 | B) $3 + (7+5)$ | C) $7 + 8$ |
| 5) $(10+2) + 8$ | A) $10 + (2+8)$ | B) 10×2 | C) $10 + 10$ |
| 6) $9 + (9+0)$ | A) 2×9 | B) $(9+9) + 0$ | C) $6 + (10+2)$ |
| 7) $7 + (4+8)$ | A) $(4+8) + 7$ | B) $7 + (8+4)$ | C) $(7+4) + 8$ |
| 8) $2 + (4+2)$ | A) $(2+4) + 2$ | B) $4+4$ | C) 4×2 |
| 9) $(6+5) + 3$ | A) $(5+6) + 3$ | B) $11 + 3$ | C) $6 + (5+3)$ |
| 10) $(5+4) + 8$ | A) $8 + (5+4)$ | B) $5 + (4+8)$ | C) $9 + 8$ |

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1) $3 + (4+5)$ A) $3 + (5+4)$ B) $3 + 5 + 3 + 4$ C) $(3+4) + 5$

2) $(6+1) + 2$ A) $6 + (1+2)$ B) $6 + 3$ C) $(1+6) + 2$

3) $(8+5) + 9$ A) $8 + 14$ B) $(5+8) + 9$ C) $8 + (5+9)$

4) $(3+7) + 5$ A) 3×5 B) $3 + (7+5)$ C) $7 + 8$

5) $(10+2) + 8$ A) $10 + (2+8)$ B) 10×2 C) $10 + 10$

6) $9 + (9+0)$ A) 2×9 B) $(9+9) + 0$ C) $6 + (10+2)$

7) $7 + (4+8)$ A) $(4+8) + 7$ B) $7 + (8+4)$ C) $(7+4) + 8$

8) $2 + (4+2)$ A) $(2+4) + 2$ B) $4+4$ C) 4×2

9) $(6+5) + 3$ A) $(5+6) + 3$ B) $11 + 3$ C) $6 + (5+3)$

10) $(5+4) + 8$ A) $8 + (5+4)$ B) $5 + (4+8)$ C) $9 + 8$