

Associative Property of Addition

Answer Key

A) Write the missing number using the associative property of addition.

1) $(6 + 3) + \underline{2} = 6 + (3 + 2)$ 2) $(3 + 5) + 9 = \underline{3} + (5 + 9)$

3) $(3 + \underline{2}) + 4 = 3 + (2 + 4)$ 4) $(8 + \underline{9}) + 2 = 8 + (9 + 2)$

5) $(\underline{7} + 3) + 5 = 7 + (3 + 5)$ 6) $(7 + 4) + 1 = 7 + (4 + \underline{1})$

7) $(8 + 5) + 4 = 8 + (\underline{5} + 4)$ 8) $(8 + 6) + \underline{5} = 8 + (6 + 5)$

B) 1) If $(4 + 7) + 6 = 17$, then $4 + (7 + 6) = \underline{17}$.

2) If $(3 + 9) + 3 = 15$, then $3 + (9 + 3) = \underline{15}$.

C) 1) Write the associative property of addition using the addends 6, 4, and 3.
(Order of numbers may vary.)

 $(6 + 4) + 3 = 6 + (4 + 3)$

2) Write the associative property of addition using the addends 2, 1, and 7.
(Order of numbers may vary.)

 $(2 + 1) + 7 = 2 + (1 + 7)$