

Associative Property of Addition

A) Fill in the missing numbers.

① $(2 + 5) + 4 = 2 + (\underline{\quad} + 4)$

② $6 + (\underline{10} + 3) = (6 + \underline{\quad}) + 3$

③ $(\underline{\quad} + 8) + 3 = 7 + (8 + 3)$

④ $2 + (9 + 5) = (2 + \underline{\quad}) + 5$

⑤ $7 + (6 + 2) = (\underline{\quad} + 6) + 2$

⑥ $9 + (10 + 12) = (9 + 10) + \underline{\quad}$



B) Complete the following using associative property of addition.

Example:

$$(1 + 2) + 3 = \underline{\quad 1 + (2 + 3) \quad}$$

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

① $(5 + 6) + 7 = \underline{\quad}$

② $8 + (9 + 3) = \underline{\quad}$

③ $(10 + 2) + 5 = \underline{\quad}$

④ $11 + (3 + 4) = \underline{\quad}$

Associative Property of Addition

Answers

① $(2 + 5) + 4 = 2 + (\underline{5} + 4)$

② $6 + (\underline{10} + 3) = (6 + \underline{10}) + 3$

③ $(\underline{7} + 8) + 3 = 7 + (8 + 3)$

④ $2 + (9 + 5) = (2 + \underline{9}) + 5$

⑤ $7 + (6 + 2) = (\underline{7} + 6) + 2$

⑥ $9 + (10 + 12) = (9 + 10) + \underline{12}$



Example:

$$(1 + 2) + 3 = \underline{\hspace{2cm}} \quad 1 + (2 + 3)$$

$$4 + (2 + 8) = \underline{\hspace{2cm}} \quad (4 + 2) + 8$$

① $(5 + 6) + 7 = \underline{\hspace{2cm}} \quad 5 + (6 + 7)$

② $8 + (9 + 3) = \underline{\hspace{2cm}} \quad (8 + 9) + 3$

③ $(10 + 2) + 5 = \underline{\hspace{2cm}} \quad 10 + (2 + 5)$

④ $11 + (3 + 4) = \underline{\hspace{2cm}} \quad (11 + 3) + 4$