Name : _____

Associative Property of Addition

A) Fill in the missing numbers using the associative property of addition.

1) $(2 + 8) + 10 = 2 + (\_\_\_\_\_ + 10)$

2) $3 + (1 + 2) = (\_\_\_\_\_ + 1) + 2$

3) $(1 + 3) + 9 = 1 + (3 + \_\_\_\_\_)$

4) $(10 + 5) + 1 = \_\_\_\_\_ + (5 + 1)$

5) $2 + (4 + 5) = (2 + \_\_\_\_\_) + 5$

6) $7 + (6 + 1) = (7 + 6) + \_\_\_\_\_$

B) 1) If $6 + (8 + 4) = 18$, then $(6 + 8) + 4 =$ _____ .

2) If $(10 + 4) + 5 = 19$, then $10 + (4 + 5) =$ _____ .

C) Complete the addition equation that represent the associative property.

1) $(3 + 4) + 5 = \_\_\_\_\_ + 5 = \_\_\_\_\_$

$3 + (4 + 5) = 3 + \_\_\_\_\_ = \_\_\_\_\_$

2) $1 + (2 + 6) = 1 + \_\_\_\_\_ = \_\_\_\_\_$

$(1 + 2) + 6 = \_\_\_\_\_ + 6 = \_\_\_\_\_$

Answer Key

Name : _____

Associative Property of Addition

Sheet 1

A) Fill in the missing numbers using the associative property of addition.

1) $(2 + 8) + 10 = 2 + (\ 8\ + 10)$

2) $3 + (1 + 2) = (\ 3\ + 1) + 2$

3) $(1 + 3) + 9 = 1 + (3 + \ 9\ )$

4) $(10 + 5) + 1 = \ 10\ + (5 + 1)$

5) $2 + (4 + 5) = (2 + \ 4\ ) + 5$

6) $7 + (6 + 1) = (7 + 6) + \ 1$

B) 1) If $6 + (8 + 4) = 18$, then $(6 + 8) + 4 =$ 18 .

2) If $(10 + 4) + 5 = 19$, then $10 + (4 + 5) =$ 19 .

C) Complete the addition equation that represent the associative property.

1) $(3 + 4) + 5 = \ 7\ + 5 = \ 12$

$3 + (4 + 5) = 3 + \ 9\ = \ 12$

2) $1 + (2 + 6) = 1 + \ 8\ = \ 9$

$(1 + 2) + 6 = \ 3\ + 6 = \ 9$