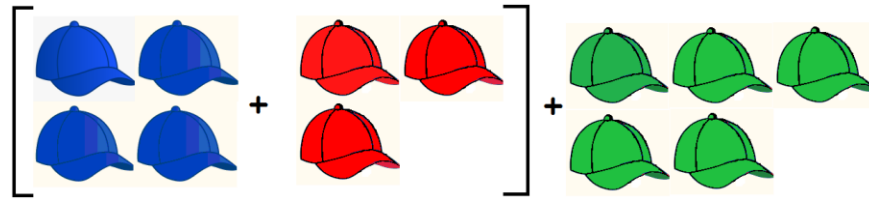


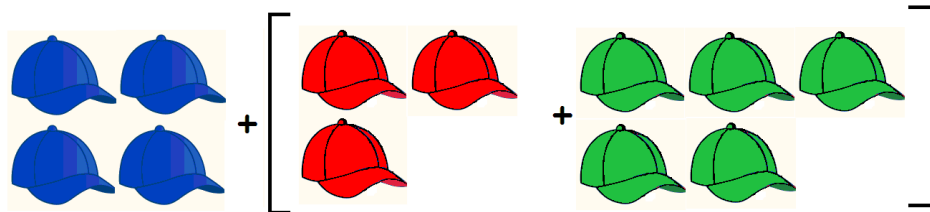


Associative property of addition

Fill in the blanks



$$[\quad + \quad] + \quad = \quad$$



$$\quad + [\quad + \quad] = \quad$$

Using Associative property of Addition, determine if the equations are equal or not .

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

$$4 + (3 + 7) \quad \underline{\hspace{1cm}} \quad (4 + 3) + 7$$

$$(5 + 5) + 10 \quad \underline{\hspace{1cm}} \quad 5 + (5 + 6)$$

$$10 + (1 + 9) \quad \underline{\hspace{1cm}} \quad (10 + 1) + 9$$

$$14 + (11 + 20) \quad \underline{\hspace{1cm}} \quad (14 + 11) + 2$$

$$(23 + 12) + 6 \quad \underline{\hspace{1cm}} \quad 23 + (12 + 6)$$

$$90 + (18 + 32) \quad \underline{\hspace{1cm}} \quad (90 + 18) + 9$$

$$31 + (67 + 45) \quad \underline{\hspace{1cm}} \quad (31 + 67) + 45$$