

## Substitution - Review

Exercise A - If  $a = 4$ ,  $b = 3$  and  $c = 2$ , evaluate:

1.  $a + b + c$

4.  $a - b - c$

2.  $a + b - c$

5.  $-a + b + c$

3.  $a - b + c$

6.  $-a - b - c$

Exercise B - If  $m = 5$ ,  $n = -3$  and  $p = 6$  evaluate:

1.  $2m - p$

4.  $m - n$

2.  $3m + 2p$

5.  $2p - 4n$

3.  $m + n$

6.  $-2p - 5n$

Exercise C - If  $f = 3$ ,  $h = 4$  and  $k = -5$  evaluate:

1.  $2f + 5h$

3.  $4f - 3k$

2.  $3h + 2k$

4.  $5h - 4k$

## Substitution - Review

Exercise A - If  $a = 4$ ,  $b = 3$  and  $c = 2$ , evaluate:

1.  $a + b + c$

$$4 + 3 + 2 = 9$$

2.  $a + b - c$

$$4 + 3 - 2 = 5$$

3.  $a - b + c$

$$4 - 3 + 2 = 3$$

4.  $a - b - c$

$$4 - 3 - 2 = -1$$

5.  $-a + b + c$

$$-4 + 3 + 2 = 1$$

6.  $-a - b - c$

$$-4 - 3 - 2 = -9$$

Exercise B - If  $m = 5$ ,  $n = -3$  and  $p = 6$  evaluate:

1.  $2m - p$

$$2 \times 5 - 6 = 4$$

2.  $3m + 2p$

3.  $m + n$

$$5 + -3 = 2$$

4.  $m - n$

$$5 - (-3) = 8$$

5.  $2p - 4n$

$$2 \times 6 - 4 \times -3 = 24$$

6.  $-2p - 5n$

$$-2 \times 6 - 4 \times -3 = 0$$

Exercise C - If  $f = 3$ ,  $h = 4$  and  $k = -5$  evaluate:

1.  $2f + 5h$

$$2 \times 3 + 5 \times 4 = 26$$

2.  $3h + 2k$

$$3 \times 4 + 2 \times -5 = 2$$

3.  $4f - 3k$

$$4 \times 3 - 3 \times -5 = 27$$

4.  $5h - 4k$

$$5 \times 4 - 4 \times -5 = 40$$