SIMPLIFYING ALGEBRIC EXPRESSIONS

Lv-I Multiplying a single positive integer over a bracket

3(a+6)

_____

4(a - 3)

_____

2 (6c + 4)

_____

4 (7d + 5)

_____

7 (4e + 3)

_____

-5 (2f - 9)

_____

2 (3g - 8)

_____

-10(9h - 9)

_____

12 (12j - 9)

_____

4(10k - 11)

_____

BONUS PROBLEM !!!!

9(y – 2) + 4y + 3

_____

LIVEWORKSHEETS

Lv- 2 Collecting like terms when 2 terms are repeated.

(Simplify by removing the brackets)

(2a – 2) + (4a + 5)

_____

(5b + 6) + (2b - 4)

_____

(6c + 2) - (6c + 4)

_____

(9d – 6) - (7d - 2)

_____

(11e + 8) - (3e + 5)

_____

(6f + 9) - (4f - 4)

_____

(10i + 18) - (2i + 11)

_____

(15m + 12) - (8m - 10)

_____

(6k + 8) - (4k + 4)

_____

(14j – 12) - (6j - 8)

_____

BONUS PROBLEM – I

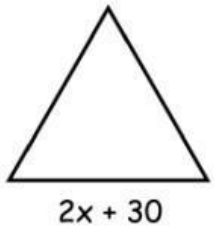
5(2x – 3) – 3(x + 4)

_____

LIVEWORKSHEETS

BONUS PROBLEM – II

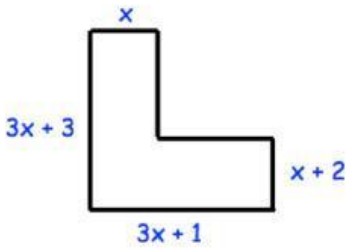
Here is an equilateral triangle with side (2x+30)cm. The perimeter is



_____ cm

BONUS PROBLEM – III

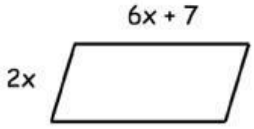
Here is L shape , The perimeter of the following shape is :

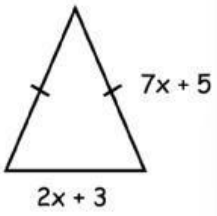


_____ cm

BONUS PROBLEM – IV

Below is a parallelogram and an isosceles triangle. Which shape has the greatest perimeter ?





_____

LIVEWORKSHEETS