PLEASE DO NOT USE SPACES WHEN ENTERING YOUR ANSWERS!!!

17. Simplify the following expression:

(a) $3m + 8m + 6z - 2z$

14. (a) Simplify by collecting the like terms.

$16m - 4m + m$

18. (a) Simplify

$6m + p + 3p - 2m$

14. Simplify

(a) $6d - 2h + 5h - d$

14. **Simplify:**

(a) $12m + 4g - 8m + g$

18. **(a)** Simplify:

$4d + 3b - 2d + b =$

16. (a) Simplify

$3b + 5b - 2b$

(ii) $6z - 4z + 8z$

14. Simplify

(a) $2g - 3g + 5g$

18. (a) Simplify by collecting the like terms.

$8d - 5d + 3d$

(b) Simplify,

(i) $5m + 3n + n - 2m$,

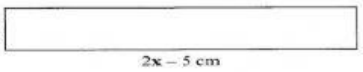
16. (a) simplify

$4c + 2d - c + 8d.$

13. Simplify

(a) $3x + x + 7x.$

18. The length and width of a rectangle are shown in the diagram below.



(a) (i) Write down an expression for the perimeter of the rectangle.

Answer _____ cm [1]

(ii) Simplify the expression which you wrote down in part (i).

Answer _____ cm [1]

Given that the perimeter of the rectangle ABCD is **14 cm**.

(b) (i) Write an equation to show this information,

Answer _____ [1]

(ii) Solve the equation for **x**.

Answer _____ cm [2]

(c) Use the solution for **x** to write down the dimensions of the rectangle.

Answer _____ cm , _____ cm [2]

LIVEWORKSHEETS