

5.3 - Algebraic expressions

LO: Write One step Algebraic Expressions.

Label and identify the parts of an Algebraic Expression and how to identify its parts.

* Challenge 1:

Match the written expressions in Column A with the algebraic expressions in Column B.

Column A

1. Multiply n by 4
2. Share n into 4 sections
3. Subtract 4 from n

Column B

a) $\frac{n}{4}$

b) $n - 4$

c) $4n$

** Challenge 2:

Identify term, variable, coefficient and constant in the expression: **$8x - 18$**

Term=

Variable=

Coefficient=

Constant=

Operation:

*****Challenge 3:**

- a. Ali works at a shop. He gets paid \$8 per hour.

Work out an expression for the amount he earns after x hours worked.

- b. A pen cost \$5, a ruler cost \$2. Find an expression for the total cost of x pens and y rulers.