

ALGEBRAIC EXPRESSIONS

REVISION KIT FOR FORM 1 TERM 2

Expand and simplify: $4(q - 6) + 7(q - 3)$

Given that $a = 3$, $b = 5$ and $c = -\frac{1}{2}$ evaluate

$$\frac{4a^2 + 2b - 4c}{\frac{1}{4}(b^2 - 3a)}$$

The length of a room is 4 metres longer its width. Find the length of the room if its area is 32cm^2

Simplify the expression

$$5a - 4b - 2[a - (2b + c)]$$

SOLVE THE EQUATION:

$$\frac{x-1}{x} - \frac{2x+1}{3x} = \frac{2}{3}$$

A tin, which weighs w kg when empty, holds 5 kg of jam when full. What is the mass of 12 such full tins? The 12 full tins are packed in a box weighing m kg. What is the total mass?

A farmer has altogether p head of cattle with a total value of Sh m . If q of the cattle are cows valued at Sh b each and the rest are bulls, find the value of each bull.