

The length of a line is 118 cm to the nearest cm

What is the upper bound and lower bound?

$$\frac{8c+6z}{2c^2b^3}$$



Year group	7	8	9	10	11
Number of students	190	145	145	140	130

A stratified sample of 60 students is to be taken. How many from year 9 should be included?

Convert 0.05 to a fraction

Solve  $5x + 5 = 3 - 3x$

The price of a new washing machine is £376 This includes VAT at 17.5%

What was the price before VAT?

Write in standard form:  
 $3400 \times 10^{-2}$

Given that

$$(2n - 1)^2 + (2n + 1)^2 = 8n^2 + 2$$

Prove that the sum of the square of any 2 consecutive odd numbers is even

Factorise  $2x^2 - 3x + 1$

Expand  $(x + 3)(x^2 - 2)$

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$$\frac{8c+67}{2c^2b^3}$$



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