

★ If  $x = 0.09$  (correct to 2 decimal places)

What is the upper bound and lower bound of  $x$ ?

★  $30a^3b^4 \div 6a^2b$



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

★ Convert  $0.\dot{2}37\dot{1}$  to a fraction

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

★ Solve  $17 = 6 - 3(5 - 2y)$

★ In a sale, all prices are reduced by 20%. If the sale price of a jacket is £33.60 what was the original price?

★ Write in standard form:  
 $980 \times 10^{-3}$

★ Show that

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

★ Factorise  $2x^2 + 7x + 3$

Expand

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

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