

96.1



- 1) Work out $3\frac{1}{2} \div 1\frac{2}{3}$

- 2) A price is reduced from £500 to £340. Calculate the percentage change.

- 3) Expand and simplify $(x + 1)(x - 2)(x + 3)$

- 4) Expand and simplify $(4x - 3)^2$

- 5) What is the 50th term of this sequence: 3, 9, 15, 21, ... ?

96.2



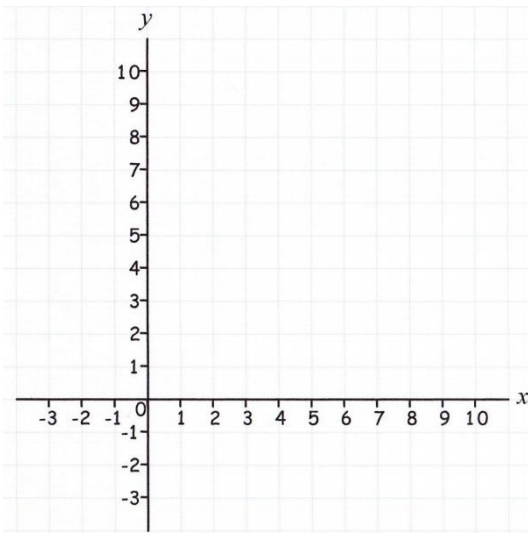
1) x is given as 60 to 1 significant figure.

Write an inequality to show the range of values that x could take.

2) Factorise $2x^2 + 7x + 6$

3) Work out $4 \times 10^3 \times 7 \times 10^2$, giving the answer in standard form

4) Find the y -intercept of the line $2y - 3x = 10$



5) Solve $\frac{x}{3} + 5 = x + 1$

96.3



1) Work out $2\frac{3}{4} \times 1\frac{2}{5}$

2) A price is increased from £250 to £340. Calculate the percentage change.

3) Expand and simplify $(x - 2)(x - 5)(x + 1)$

4) Expand and simplify $(3x - 7)^2$

5) What is the 20th term of this sequence: 10, 17, 24, 31, ... ?

96.4



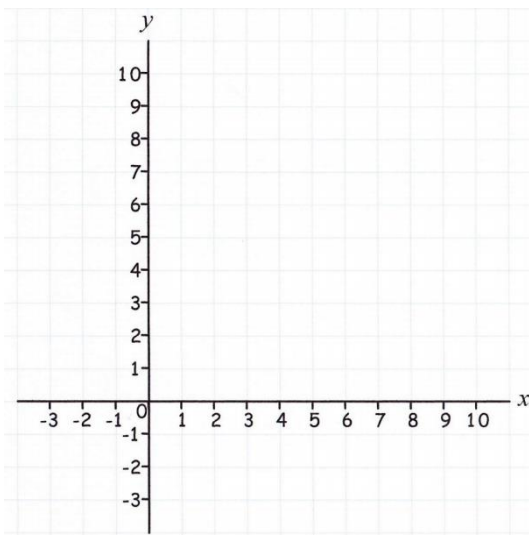
1) x is given as 50 to 2 significant figures.

Write an inequality to show the range of values that x could take.

2) Factorise $3x^2 + 7x - 6$

3) Work out $3 \times 10^{-3} \times 6 \times 10^{-2}$, giving the answer in standard form

4) Find the y -intercept of the line $2y = 6x + 5$



5) Solve $\frac{x}{2} + 5 = 3x - 10$

96.5



1) Work out $1\frac{4}{5} \div 1\frac{1}{5}$

2) A price is decreased from £400 to £340. Calculate the percentage change.

3) Expand and simplify $(x - 4)(x - 5)(x - 3)$

4) Expand and simplify $(10x - 1)^2$

5) What is the 30th term of this sequence: 13, 24, 35, 46, ... ?

96.6



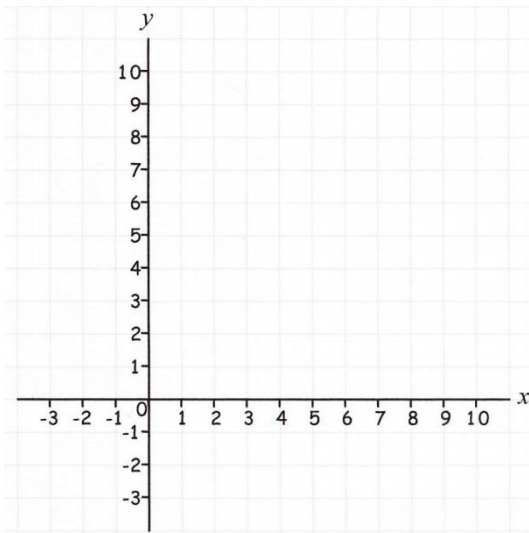
1) x is given as 2.0 to 1 decimal place.

Write an inequality to show the range of values that x could take.

2) Factorise $5x^2 - 18x - 8$

3) Work out $4 \times 10^8 \times 3 \times 10^{-2}$, giving the answer in standard form

4) Find the y -intercept of the line $2y + 3x = 5$



5) Solve $\frac{x+1}{2} - 1 = x - 4$