95.1

1) Find the distance:

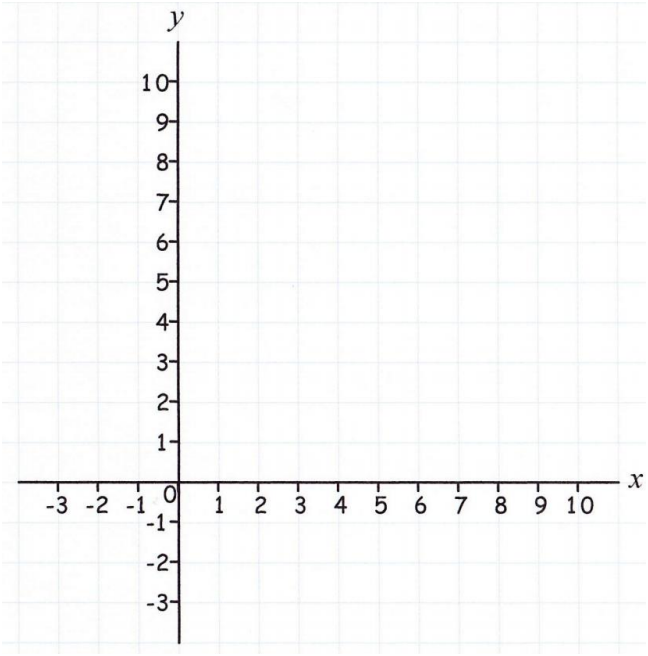
Speed = 40 km/h and time = 1 hour 30 mins

2) Factorise $x^2 + 9x + 20$

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

4) Express 0.002003 in standard form

5) Find the gradient of the line $2y - 6x = 3$



95.2

1) Make x the subject of $y = (ax + b)^2$

2) Express $\frac{43}{40}$ as a percentage

3) Solve $\frac{x+3}{2} + \frac{x}{3} = 11$

4) By rounding each number to 1 significant figure,

estimate $\frac{58^2 \times 3.89}{1.93}$

5) Find the first term: ?, 20, 100, 500, 2500, …

95.3

1) Find the distance:

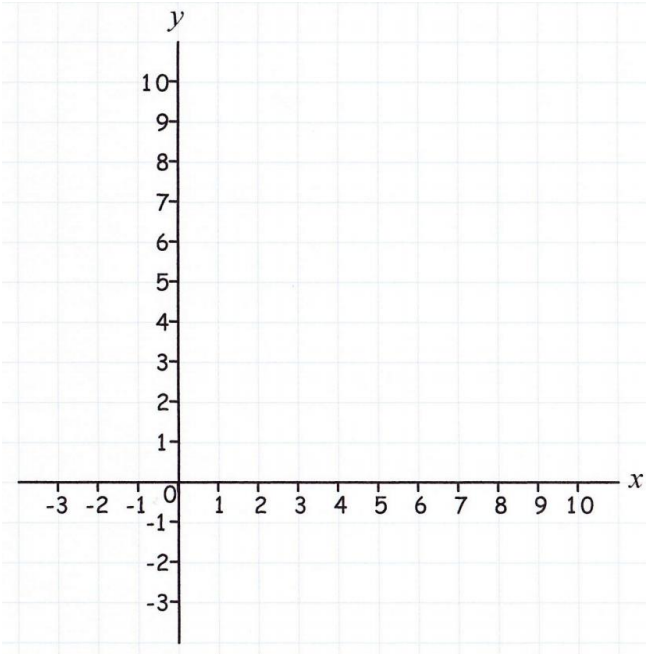
Speed = 48 km/h and time = 2 hour 15 mins

2) Factorise $x^2 + 3x - 4$

3) Expand and simplify $(x^2 - 2)(x - 5)$

4) Express 20190 in standard form

5) Find the gradient of the line $2y = 6x - 2$



95.4

1) Make x the subject of $y = a^2x + b^2$

2) Express $\frac{39}{150}$ as a percentage

3) Solve $\frac{2x}{4} + \frac{x-3}{3} = 11$

4) By rounding each number to 1 significant figure,

estimate $\frac{82.3 \times 7.58}{0.176}$

5) Find the first term: ?, 0.375, 0.75, 1.5, 3, …

95.5

1) Find the distance:

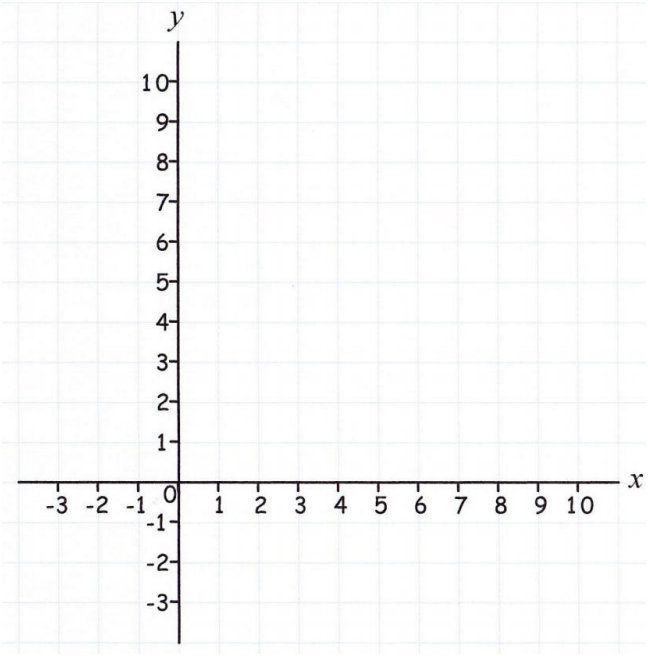
Speed = 40 km/h and time = 2 hour 45 mins

2) Factorise $x^2 - 6x + 8$

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

4) Express 0.0007 in standard form

5) Find the gradient of the line $3y = 6x - 5$



95.6

1) Make x the subject of $y = (ax + b)^2$

2) Express $\frac{12}{30}$ as a percentage

3) Solve $\frac{x+2}{2} + \frac{4-2x}{5} = 6$

4) By rounding each number to 1 significant figure,

estimate $\frac{7.1 \times 83.99}{0{\cdot}49}$

5) Find the first term: ?, 1, 6, 36, …