FAA1.1

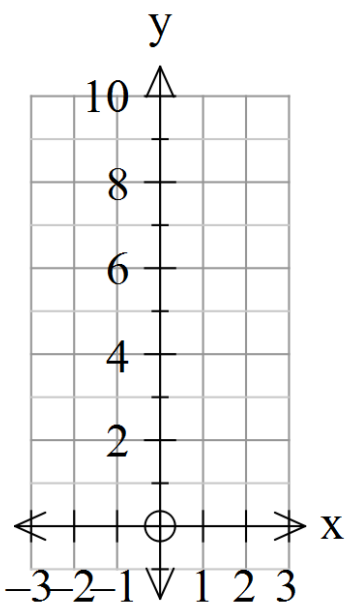
1) Express 603000 in standard form

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

3) Work out 3.8^2

4) Round 38492 correct to 2 significant figures

5) What is the gradient of $y = -2x + 3$



FAA1.2

1) Round 6.148 km to the nearest 10 m

2) Sales rise from 800 per week to 920 per week. Calculate the percentage change

3) If 7 pens cost £3.15, how much would 10 pens cost?

4) Solve the equation $7x + 6 = 3x - 2$

5) What is the exact value of cos 45°?

FAA1.3

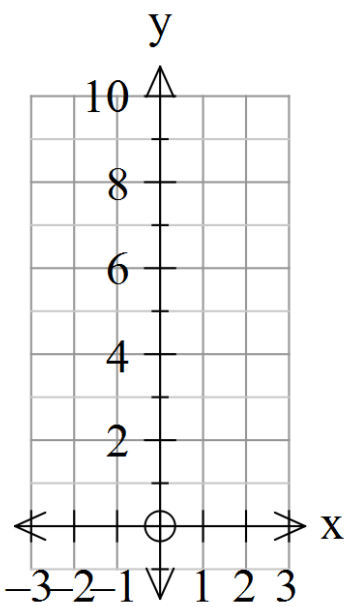
1) Express 340500 in standard form

2) Expand $3x(2x + 4x^2)$

3) Work out 4.6×28

4) Round 4567 correct to 2 significant figures

5) What is the gradient of $y = 3x - 1$



FAA1.4

1) Round 3.624m to the nearest cm

2) Sales fall from 200 per week to 170 per week. Calculate the percentage change

3) If 6 pens cost £5.10, how much would 15 pens cost?

4) Solve the equation $3x + 5 = 20 - 2x$

5) What is the exact value of sin 60°?

FAA1.5

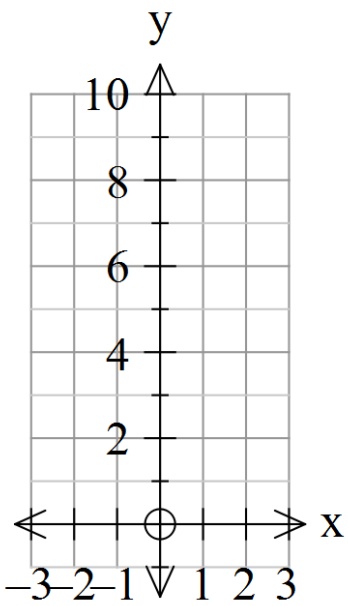
1) Express 5010000 in standard form

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

3) Work out 7.3^2

4) Round 7348 correct to 2 significant figures

5) What is the gradient of $y = 8 - 2x$



FAA1.6

1) Round 42.382m to the nearest cm

2) Sales rise from 300 per week to 660 per week. Calculate the percentage change

3) If 8 pens cost £11.20, how much would 12 pens cost?

4) Solve the equation $8 - 2x = 3x - 7$

5) What is the exact value of cos 45°?