FAA2.1

1) Express 0.000307 in standard form

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

3) Factorise $42x - 24$

4) Work out $3900 \div 12$

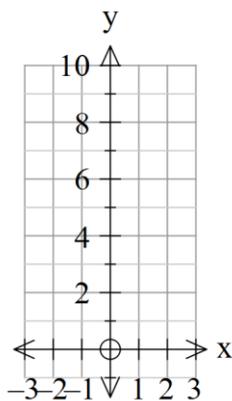5) Increase £360 by 15%

FAA2.2

1) A mass is stated as 70g correct to the nearest 10g. What is the lower bound?

2) Find the next two terms in the sequence 8, 4, 2, 1, …

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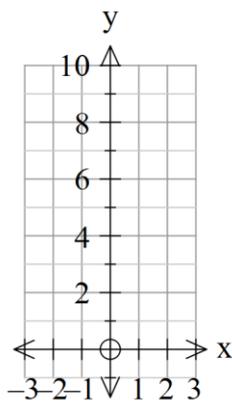

4) Solve simultaneously
$$x + y = 5$$
$$2x + 4y = 14$$

5) Work out $\dfrac{4}{5} - \dfrac{3}{4}$

FAA2.3

1) Express 0.005006 in standard form

2) Expand and simplify $(x + 1)(x + 10)$

3) Factorise $81x - 18$

4) Work out $4332 \div 12$

5) Increase £310 by 5%

FAA2.4

1) A length is stated as 3200m correct to the nearest 100m. What is the lower bound?

2) Find the next two terms in the sequence 3, 6, 11, 18, 27,

3) Find the y-intercept of the line $3y = 12x + 6$

4) Solve simultaneously
$$x + y = 7$$
$$3x - 2y = 11$$

5) Work out $\frac{5}{6} + \frac{3}{4}$

1) Express 0.00037 in standard form

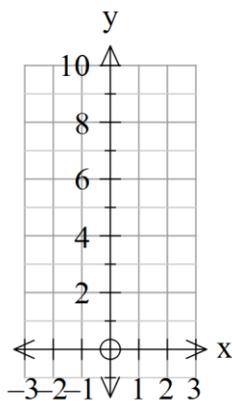2) Expand and simplify $(x + 5)(x + 5)$

3) Factorise $12x - 90$

4) Work out $5475 \div 15$

5) Increase £430 by 5%

FAA2.6

1) A length is stated as 400m correct to the nearest 10m. What is the lower bound?

2) Find the next two terms in the sequence 49, 64, 81, 100, …

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

4) Solve simultaneously
$$4x + y = 19$$
$$x + 2y = 10$$

5) Work out $\dfrac{5}{8} - \dfrac{5}{12}$