71.3

1) Work out 300000 + 5000 + 800 + 0.06 + 0.003

2) Work out 78 × 87

3) Simplify $8a - 4a - 3a - b$

4) Work out the value of $4a + 6$ when $a = 8$

5) Round 3446 to one significant figure

71.4

1) Solve the equation $x \div 6 = 12$

2) Find the missing terms in the sequence 26, ?, 14, ?, 2, ….

3) Expand $4(3 - 7x)$

4) Complete 23.4m = ……. cm

5) What is the 14^{th} square number?

72.3

1) Round 39536 to 2 significant figures

2) Find 15% of 540kg

3) Simplify $e \times e \times e$

4) Find the missing terms in the sequence ?, 40, 33, ?, 19

5) Complete 8 : 12 = 24 : ?

72.4

1) Expand $4x(3-5x)$

2) Solve $7x+5=26$

3) What is the third cube number?

4) Complete 23km = ……m

5) Work out 50^2

73.3

1) Expand and simplify $2(3a - 4b) + 3(2a - b)$

2) Work out 7471 ÷ 31

3) Work out 300000 ÷ 600

4) Complete 2.4 litres = …….cl

5) Work out 4.28 × 5.1

73.4

1) Round 345.678 correct to 2 decimal places

2) Solve the equation $3(2x - 5) = 27$

3) Work out $7 + 3 - 4 \times 2$

4) Evaluate $3^4 + 3^3$

5) Work out $\frac{2}{3}$ of 345

74.3

1) Work out $\frac{5}{6} + \frac{2}{9}$

2) Work out the value of $4x - 15$ when $x = 3$

3) Evaluate $4^3 \times 1^7$

4) Solve $5(2x + 4) = 58$

5) Complete 0.78 m ……. 9.3 cm

(using <, = or >)

74.4

1) Round 31612 to 2 significant figures

2) Find 5% of €540

3) Find the missing terms in the sequence ?, 7, 1, ?, -11

4) **Estimate**, by rounding each number to one significant figure,

   82 × 378

5) Express $4\frac{3}{5}$ as an improper fraction

75.3

1) Work out 4928 ÷ 14

2) List the factors of 28?

3) Simplify the ratio 2.4kg : 4g

4) Work out $\frac{3}{5}$ of 345kg

5) Simplify $3^6 \div 3^2$

75.4

1) Express $\frac{23}{6}$ as a mixed number

2) Express $\frac{7}{20}$ as a percentage

3) Work out $5^2 - (3 + 4) + 2$

4) Expand and simplify $3(a - 3b) + 4(3b + 5a)$

5) Work out $\frac{2}{3} \times \frac{6}{7}$

76.3

1) Find 75% of 220 kg

2) Work out the value $24 + 2y^2$ when $y = -3$

3) Simplify $a^6b^2 \div ab$

4) a, Find the highest common factor of 12 and 16

   b, Find the lowest common multiple of 12 and 16

5) Solve $5(2x - 7) = 40$

76.4

1) Work out $2\frac{5}{6} + 1\frac{3}{8}$

2) Find the missing terms in the sequence ?, 3, -2, ?, -12

3) Estimate $\frac{342 \times 0.21}{3 \cdot 89}$

4) Does the point $(5,13)$ lie on the line $y = 2x + 4$?

5) Complete 4.3km …… 784m

(using <, = or >)