93.1

1) $3(4a + b) - 2(a + 3b)$

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

3) Work out $10 + 5 \times 4 \div 2$

4) Factorise fully $24x^3 - 8x$

5) Express 314000000 in standard form

93.2

1) What is the next term of this sequence:

3, 12, 48, 192, ?

2) Work out $78 \div 0.3$

3) Make $x$ the subject of $y = \dfrac{x^2}{a}$

4) Expand and simplify $(x + 10)(x - 3)$

5) Simplify $\dfrac{2x}{3} + \dfrac{5x}{4}$

93.3

1) $2(3a + 5b) - 6(a - 2b)$

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

3) Work out $13 - 2 \times 5 + 4$

4) Factorise fully $36y^2 - 45y$

5) Express 5010000 in standard form

93.4

1) What is the next term of this sequence:

4, 12, 36, 108, …

2) Work out $7.24 \div 0.4$

3) Make $x$ the subject of $y = \dfrac{\sqrt{x}}{a}$

4) Expand and simplify $(x - 6)(x - 3)$

5) Simplify $\dfrac{4x}{5} - \dfrac{x}{4}$

93.5

1) Simplify $2(3a - 2b) - (a - 2b)$

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

3) Work out $6 \times 2 + 8 \div 4$

4) Factorise fully $12x^3 + 18x^2$

5) Express 888 in standard form

93.6

1) What is the next term of this sequence:

6, 30, 150, 750, …

2) Work out $420 \div 1.2$

3) Make $x$ the subject of $y = \sqrt{x} + b$

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

5) Simplify $\dfrac{6x}{6} + \dfrac{3x}{8}$