92.1

1) Expand and simplify $(x-3)(x+2)$

2) Work out 36.3×10^3

3) Distance = 8km, Time = 10 minutes,

Speed = ? km/h

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

5) Express 130 as a product of prime factors

92.2

1) Solve $\frac{9x+3}{2} = 5x - 4$

2) List the first 4 terms of a geometric sequence with a first term of 2 and a common ratio of 3

3) Divide £35 in the ratio 3 : 2

4) Decrease £3400 by 20%

5) Simplify $(2x^2y)^3$

92.3

1) Expand and simplify $(x-6)(x-2)$

2) Work out 3684.3×10^{-2}

3) Distance = 12km, Time = 15 minutes,

Speed = ? km/h

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

5) Express 98 as a product of prime factors

92.4

1) Solve $\frac{4x-5}{3} = 2x - 7$

2) List the first 4 terms of a geometric sequence with a first term of 2 and a common ratio of 10

3) Divide £60 in the ratio 7 : 5

4) Increase £2800 by 20%

5) Simplify $(3x^3y)^4$

92.5

1) Expand and simplify $(x + 8)(x - 4)$

2) Work out 653.163×10^2

3) Distance = 12km, Time = 240 minutes,

Speed = ? km/h

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

5) Express 270 as a product of prime factors

92.6

1) Solve $\frac{10x+5}{3} = 2x - 5$

2) List the first 4 terms of a geometric sequence with a first term of 3 and a common ratio of 4

3) Divide £35 in the ratio 3 : 7

4) Decrease £4560 by 5%

5) Simplify $(4x^2y^3)^3$