1) Solve using the quadratic formula (and a calculator)
$3x^2 - 4x - 2 = 0$

2) Work out $3.1 \times 10^3 + 2.8 \times 10^2$

3) Find the equation of the line perpendicular to $y = 2x + 10$ passing through the point $(6,2)$

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

5) Find the highest common factor of 60 and 84

1) Solve simultaneously:
$2x - y = 10$ and $5x - 3y = 27$

2) Simplify $\sqrt{45} - \sqrt{20}$

3) 7.5m² = ? cm²

4) Work out the value of $5x^2 - 2x$ when $x = -2$

5) Solve by factorising $9x^2 + 18x + 8 = 0$

1) Solve using the quadratic formula (and a calculator)
    $4x^2 + 5x - 3 = 0$

2) Work out $1.3 \times 10^3 \times 1.3 \times 10^2$

3) Find the equation of the line perpendicular to $y = -\frac{1}{2}x + 7$
    passing through the point (5,2)

4) Expand and simplify $(3x - 5)^2$

5) Find the lowest common multiple of 60 and 84

1) Solve simultaneously:
$2x - y = 10$ and $5x + 3y = 3$

2) Simplify $\sqrt{5} \times \sqrt{60}$

3) ? m² = 500 cm²

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

5) Solve by factorising $6x^2 + 17x + 5 = 0$

1) Solve using the quadratic formula (and a calculator)
$3x^2 - 5x - 1 = 0$

2) Work out $5.4 \times 10^3 + 2.6 \times 10^4$

3) Find the equation of the line perpendicular to $y = -3x + 7$ passing through the point $(9, 6)$

4) Expand and simplify $(5x - 6)^2$

5) Find the highest common factor of 60 and 84

1) Solve simultaneously:
$2x - 2y = 22$ and $3x + 6y = -12$

2) Simplify $\sqrt{7} \times \sqrt{14}$

3) ? m³ = 500 cm³

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

5) Solve by factorising $6x^2 - 13x - 15 = 0$