For every question, **do the thing, then write down what the instruction word asked for**. The second half carries a mark.

1 Here is $4x + 12$.

(a) *Factorise* it (1)

(b) *Evaluate* it when $x = 3$ (1)

(c) *Solve* $4x + 12 = 40$ (1)

(d) *Simplify* $4x + 12 + 3x$ (1)

(4 marks)

2 Write down what each instruction word asks you to do.

(a) *Expand* (2)

(b) *Factorise* (2)

(c) *Solve* (1)

(d) *Substitute* (1)

(6 marks)

3 Do what each instruction says.

(a) *Expand* $5(2x - 1)$ (1)

(b) *Factorise* $14a + 21$ (1)

(c) *Solve* $7n - 5 = 30$ (1)

(d) *Simplify* $9m + 4 - 3m - 1$ (1)

(4 marks)

4 *Write down* the answer to each of these. No working is needed.

(a) The coefficient of x in $9x - 4$ (1)

(b) The constant term in $6y + 11$ (1)

(c) The number of terms in $3a + 2b - 7$ (1)

(d) Whether 8 is a solution of $x \geq 8$ (1)

(4 marks)

5 A rectangle has length $(x+6)$ cm and width x cm. ***Show that*** its perimeter is $4x + 12$ cm.

(2 marks)