Factorise each expression. **Check every answer by expanding it again.**

1 (a) $2x + 6$ (1)

(b) $3y + 12$ (1)

(c) $5a + 10$ (1)

(d) $4m + 8$ (1)

(4 marks)

2 (a) $6x + 15$ (1)

(b) $10y + 4$ (1)

(c) $9a + 6$ (1)

(d) $8b + 20$ (1)

(4 marks)

3 Factorise each expression.

(a) $3x - 9$ (1)

(b) $5y - 20$ (1)

(c) $4a - 6$ (1)

(d) $12m - 8$ (1)

(4 marks)

4 Factorise each expression.

(a) $15 - 10y$ (1)

(b) $8 - 4x$ (1)

(c) $21 - 14a$ (1)

(d) $6 - 9b$ (1)

(4 marks)

5 Copy and complete each factorisation.

(a) $4x + 20 = 4(x + ____)$ (1)

(b) $6y + 9 = 3(____ + 3)$ (1)

(c) $10a - 15 = 5(2a - ____)$ (1)

(d) $14m + 21 = ____(2m + 3)$ (1)

(4 marks)

6 A pupil factorised $6x + 15$ and wrote $3(2x + 15)$.

(a) Expand the pupil's answer (1)

(b) Write down the correct factorisation (1)

(c) Write down what the pupil forgot to do (2)

(4 marks)