1 Work each one out.

(a) s^2 when $s = 3$ (1)

(b) s^2 when $s = 7$ (1)

(c) s^2 when $s = 10$ (1)

(d) s^2 when $s = 12$ (1)

(4 marks)

2 Expand. **Every term inside the bracket.**

(a) $3(x + 4)$ (1)

(b) $5(y + 2)$ (1)

(c) $4(a - 3)$ (1)

(d) $6(2m + 1)$ (1)

(e) $2(5p - 4)$ (1)

(5 marks)

3 Simplify.

(a) $6x - x$ (1)

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

(c) $9m - m - m$ (1)

(d) $a + a + a + a$ (1)

(4 marks)

4 Write *open* or *closed*.

(a) $x > 5$ (1)

(b) $x \geq 5$ (1)

(c) $x < -1$ (1)

(d) $x \leq -1$ (1)

(4 marks)

5 Solve.

(a) $x + 9 = 22$ (1)

(b) $4n = 28$ (1)

(c) $3y + 2 = 17$ (1)

(d) $2(m + 4) = 18$ (1)

(4 marks)