1 Simplify each expression.

(a) $3n \times 2$ (1)

(b) $3 \times 4y$ (1)

(c) $5a \times 4$ (1)

(d) $6 \times 2m$ (1)

(4 marks)

2 Simplify each expression.

(a) $\frac{4x}{2}$ (1)

(b) $\frac{9c}{3}$ (1)

(c) $\frac{10y}{5}$ (1)

(d) $\frac{12p}{4}$ (1)

(4 marks)

3 **Careful.** Simplify each expression.

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

(b) $3x \times 2$ (1)

(c) $x + x$ (1)

(d) $x \times x$ (1)

(e) Two of your four answers are the same. Explain why the two questions are still different. (2)

(6 marks)

4 Each expression on the left is equivalent to one on the right. Write down the matching pairs.

A $2x + 3x$	P $4y$
B $6y - 2y$	Q $8m$
C $4m \times 2$	R $5x$
D $\frac{10k}{2}$	S $5k$

(a) A matches (1)

(b) B matches (1)

(c) C matches (1)

(d) D matches (1)

(4 marks)

5 Simplify each expression fully.

(a) $2 \times 3a + 4a$ (1)

(b) $5b + 2 \times 2b$ (1)

(c) $\frac{6x}{2} + x$ (1)

(d) $4 \times 2y - 3y$ (1)

(4 marks)