## HOME EXERCISE 7

## Set out carefully all appropriate working.

Do **not** use a calculator in questions 1, 2, 3 or 4. Use a calculator in questions 5 and 6.

1. Evaluate:

$$l\frac{2}{3} \times \frac{4}{9} \tag{2}$$

2. Remove the brackets and simplify:

$$(2x-3)(x+5)$$
 (2)

3. If a=3 and b=-6, evaluate:

 $2a^2 + b \tag{2}$ 

4. Solve the equation:

$$3(x-2) = 8 - 2(x-3) \tag{4}$$

