(c) The store reopens under new management and sells goods worth £100 000 in the first month.

- The value of goods sold in the second month is 20% more than the first month.
- The value of goods sold in the third month is 10% less than the second month.

Find the percentage increase in the total value of goods sold from the first month to the third month. You must show your working.

(c) .... % **[5]**

12 (a) Solve.

$$5x = 2x + 18$$

(a) $x =$ .... **[2]**

(b) Solve by factorising.

$$x^2 + 8x + 15 = 0$$

(b) $x =$ .... **[3]**