11 **(a)** A shop sold goods worth a total of £50 000 in January.
The value of goods sold in February was 10% lower than in January.

Calculate the value of goods sold in February.

(a) £ .... **[2]**

(b) Each month, the value of goods sold continued to be 10% lower than the previous month.
When the value of goods sold was less than £35 000, the shop closed at the end of that month.

Show that the store closed at the end of May. **[3]**