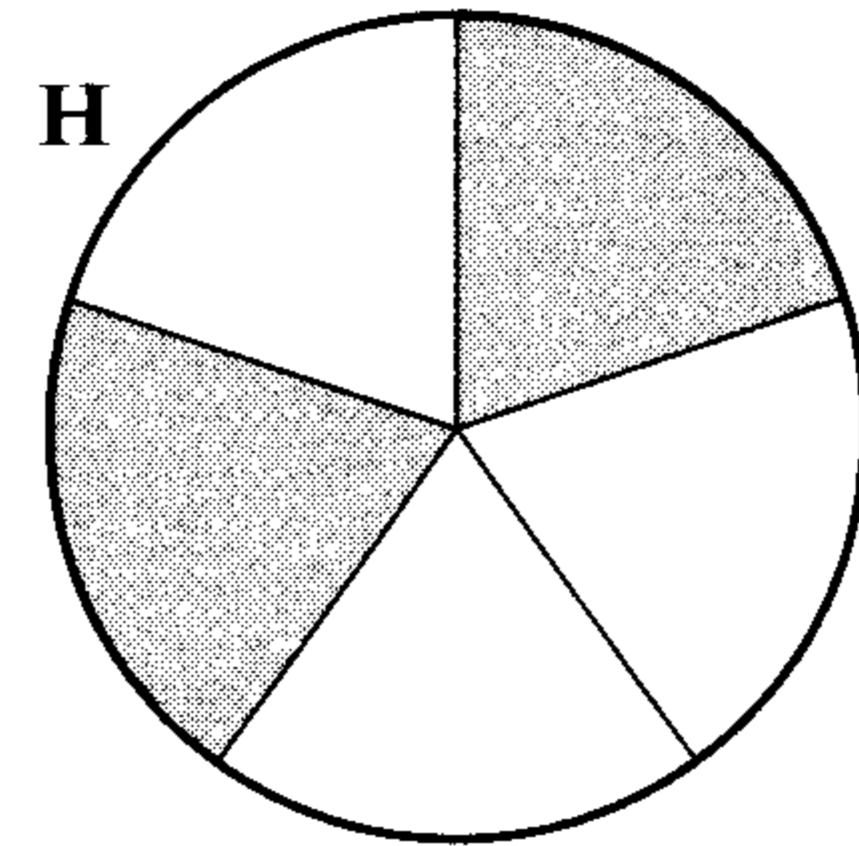
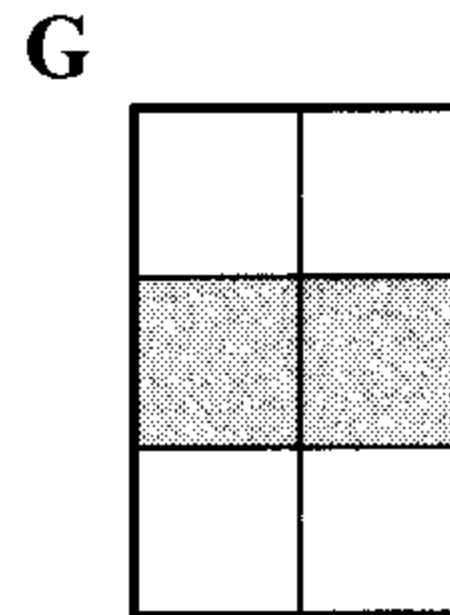
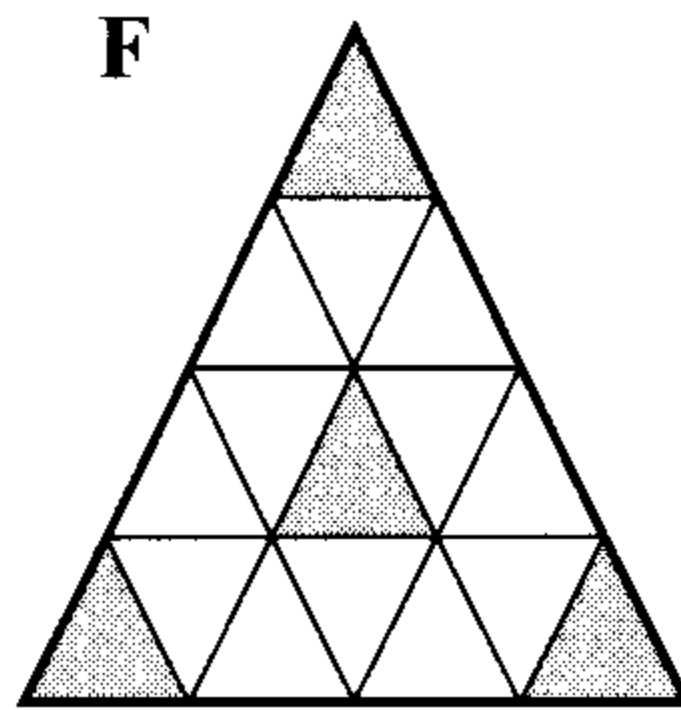
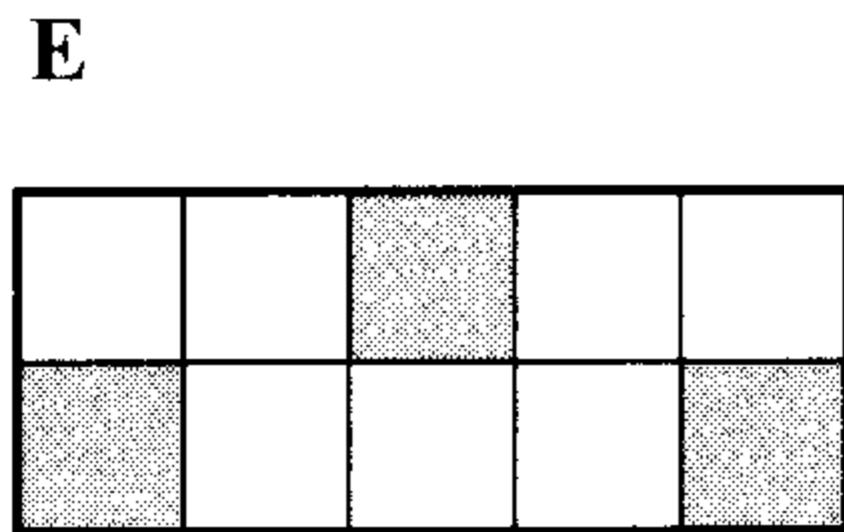
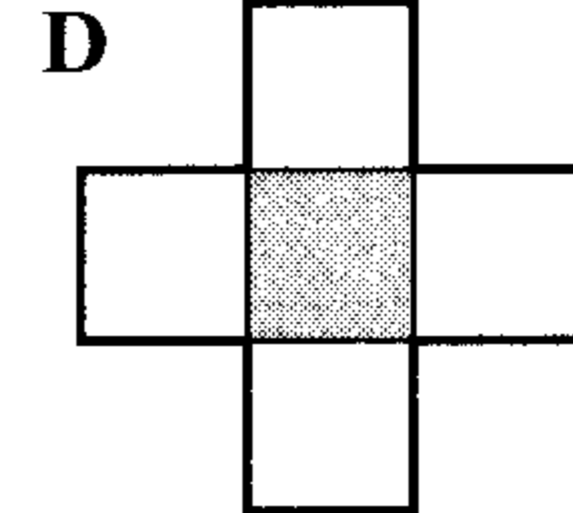
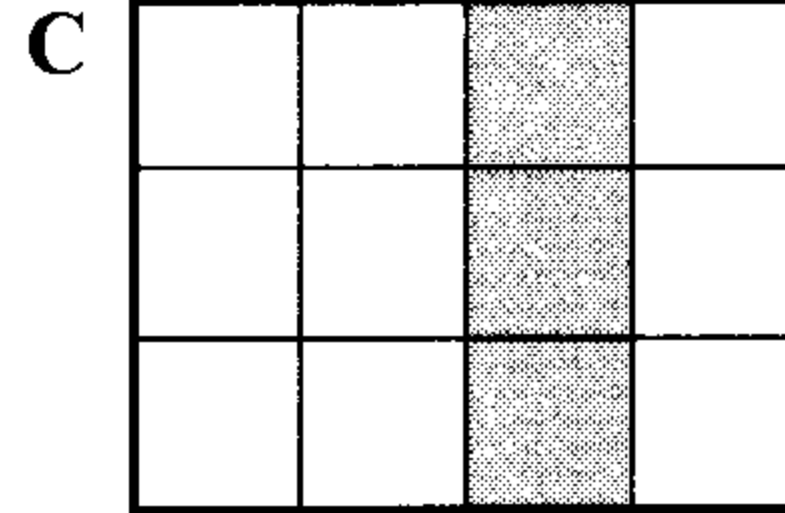
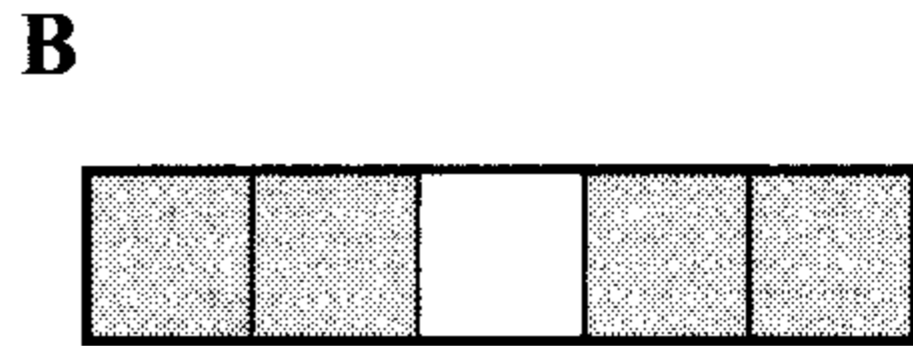
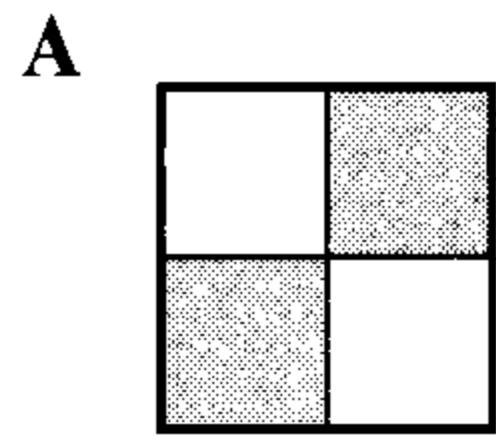


**Exercise 2**

1. For each shape write

(a) what fraction is shaded

(b) what percentage is shaded.



2. Copy these and fill in the spaces.

(a)  $30\% = \frac{\quad}{10}$

(b)  $\frac{3}{4} = \quad\%$

(c)  $\frac{1}{3} = \quad\%$

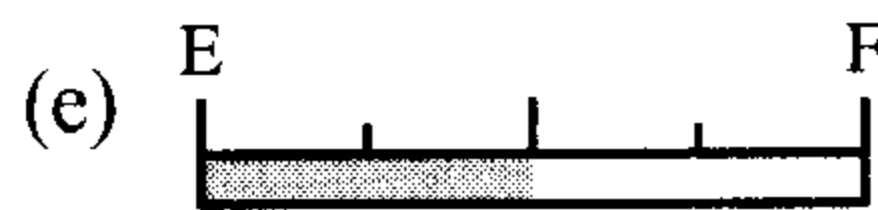
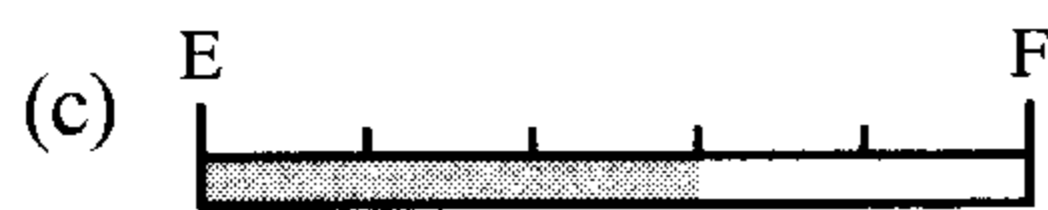
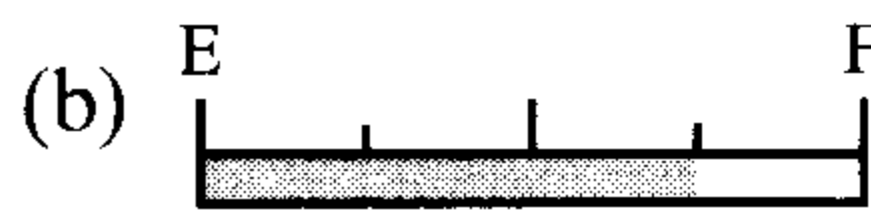
(d)  $1\% = \frac{\quad}{100}$

(e)  $80\% = \frac{\quad}{\quad}$

(f)  $\frac{1}{10} = \quad\%$

3. These pictures show how much petrol is in a car. E is Empty and F is Full.

What percentage of a full tank is in each car?



4. What percentage could be used in each sentence?

(a) Three quarters of the pupils at a school had school dinners.

(b) Three out of five workers voted for a strike.

(c) Nicki got 15 out of 20 in the spelling test.

(d) One in three cats prefer 'Whiskas'.

(e) Half of the customers at a supermarket thought that prices were too high.

(f) One in four mothers think children are too tidy at home.

5. Draw three diagrams of your own design, like those in Question 1 and shade in:

(a) 30%

(b) 75%

(c)  $66\frac{2}{3}\%$