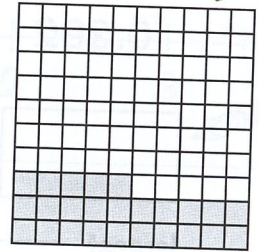
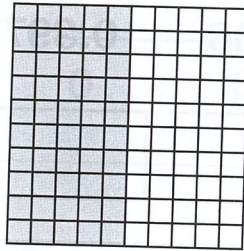
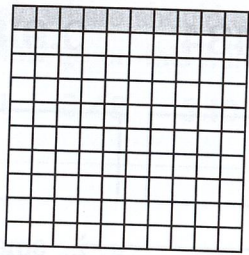


Percentages

- 1 Look at these boxes of 100 squares.



What percentage of each box is shaded?


 %

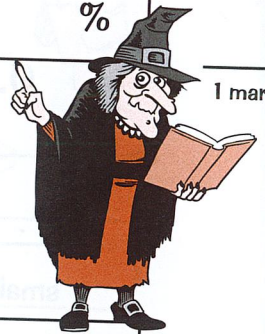
 %

 %

3 marks

- 2 In a spelling test, Alex got 83% of the words right and he got the rest wrong.

What percentage of the words did he get wrong?


 %


1 mark

- 3 Write these fractions as percentages.

$$\frac{85}{100}$$


 %

$$\frac{3}{10}$$


 %

2 marks

- 4 Write these percentages as decimals.

$$60\% =$$



$$43\% =$$



$$4\% =$$



$$80\% =$$

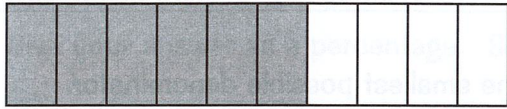


2 marks

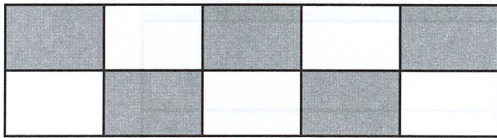
Percentages

5 Circle the percentage of each shape that is shaded.

The first one has been done for you.

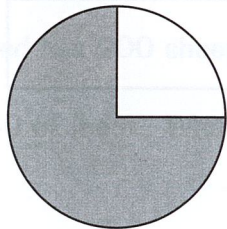


40%	50%
60%	4%



5%	25%
10%	50%

1 mark



85%	75%
25%	55%

1 mark

6 Fill in the missing numbers.

$$50\% = \frac{\square}{100} = \frac{\square}{2}$$

$$10\% = \frac{\square}{100} = \frac{1}{\square}$$

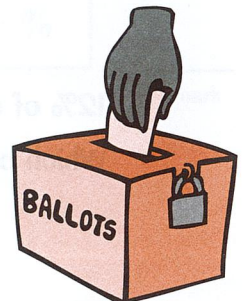
2 marks

7 Rita asked her classmates to vote for their favourite school subject.

$\frac{4}{10}$ of her classmates voted for maths and 26% voted for music.

Which subject got more votes?

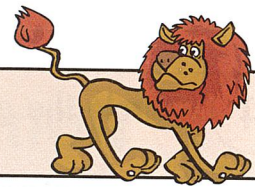
1 mark



A fruit drink contains 39% apple juice and 23% orange juice. The rest of the drink is water. What does the drink contain the largest percentage of?



Hyphenating Prefixes



Hyphens are used to **join words** together or **add a prefix**. Some words are written with hyphens so they **aren't confused** with similar words.

I re-sorted my papers.

I resorted to walking to work.

're-sorted' means 'to **sort again**'. It needs a hyphen to show that it means something **different** from 'resorted' which means 'to **turn to an undesirable option**'.

Hyphens are often used if the prefix ends in a **vowel** and the root word begins with a **vowel**. → co-own

- 1 Underline the prefixes in the words below.
Then rewrite the words with a hyphen in the correct place.

reexamine

reemerge

proAmerican

preorder

coordinate

coexist

- 2 Hyphens have been added incorrectly to the words below.
Rewrite these words on the clipboard below with a hyphen in the correct place.

preo-wn

antiage-ing

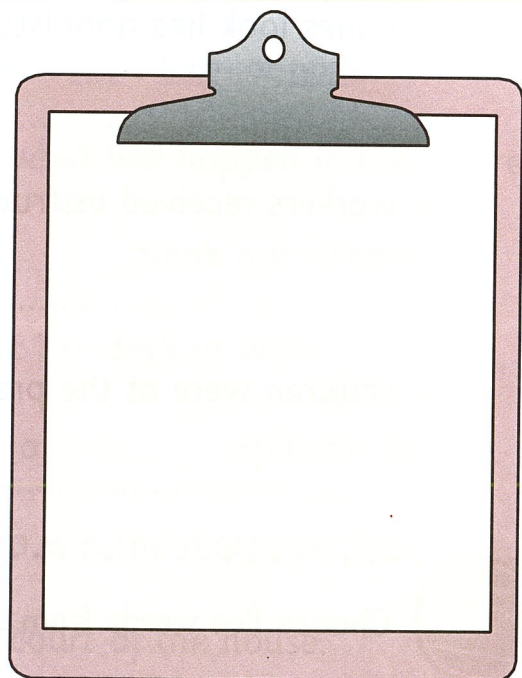
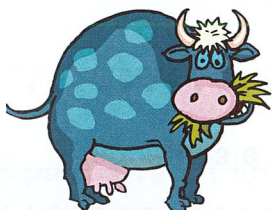
reel-ect

reen-ter

proEuro-pean

antiAmer-ican

coow-ner



3 Circle the correct spelling of each word to complete the sentences below.

Samira re-sent / resent her letter to the mayor after receiving no reply.

Brad didn't re-sent / resent the fact that Stu beat him in the 100 m hurdles.

Many people are against the government's plans for reform / re-form.

The synchronised swimmers re-formed / reformed to create a heart shape.

Henry used invisible ink by mistake, so he had to resign / re-sign the form.

Julie had an argument with her boss and decided to resign / re-sign.

After mixing up the documents, we had to re-sort / resort them.

We had to re-sort / resort to pushing our car to the garage.

4 Add a prefix and a hyphen to the root words below so the sentences make sense.

I help my friends as much as possible — it's good tooperate.

Kasia and Rhys areauthors of a best-selling novel.

No one applied for the job, so the position will beadvertised.

5 Write a sentence using each of the following words.

co-operation

.....

anti-slavery

.....



Now Try
This

Look at the words in question 3. How many more words can you think of where adding a hyphen makes a new word with a different meaning?

