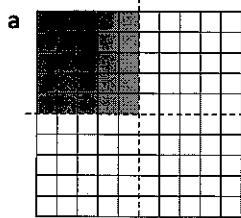


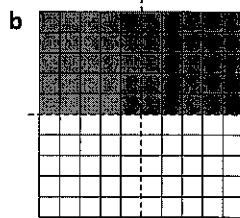
Fractions, decimals and percentages – percentages

It is useful to know some common percentages such as 25%, 50% or 75%.

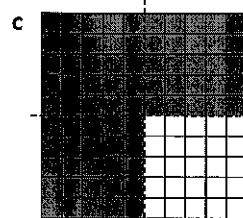
4 Shade the grids and show the following fractions by completing the missing information:



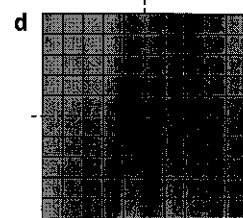
$\frac{1}{4}$	0.25	25%
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$\frac{1}{2}$	0.50	50%
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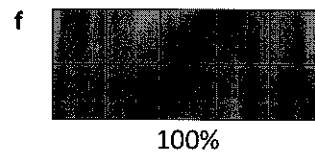
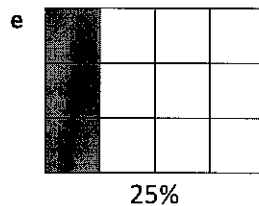
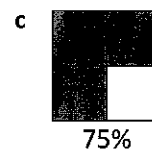
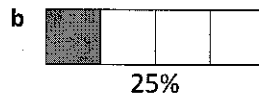


$\frac{3}{4}$	0.75	75%
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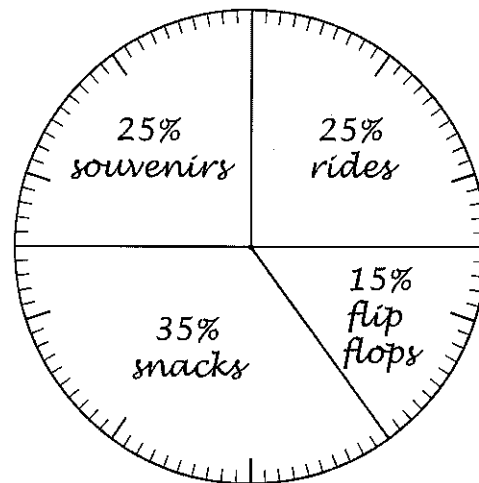
$\frac{4}{4}$	1.0	100%
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5 Shade these shapes to show the following percentages:



6 James goes on holiday. He has \$100 spending money and spends it as outlined below. Show this on the pie graph and label each section of the pie with the correct percentage:

- \$25 on rides
- \$35 on snacks
- \$15 on new flip flops
- \$25 on souvenirs





Getting ready

This is a game for 2 or more players. You will race against each other to come up with equivalent fractions, decimals or percentages to match those on cards. You'll need one copy of this page and one copy of page 25 between you.



copy



What to do

Cut out the playing cards, mix them up and put them face down in a pile.

Cut out the blank cards on page 25 and divide them between the two of you. Make sure you both have a pencil each.

Turn over the first playing card. Both players write an equivalent fraction, decimal or percentage to match it on one of the blank cards and cover the playing card as quickly as possible.

For example, the playing card may say 50% – you could write $\frac{1}{2}$ or $\frac{5}{10}$ or $\frac{50}{100}$.

The first person to cover the card with a correct match wins and takes the pair. The player at the end of the game with the most cards is the winner.

Playing Cards

Observe students.

$\frac{75}{100}$	25%	$\frac{3}{4}$	$\frac{1}{4}$
0.5	0.25	$\frac{1}{2}$	50%
0.1	$\frac{1}{10}$	10%	0.75

Blank Cards