

# PERCENTAGES

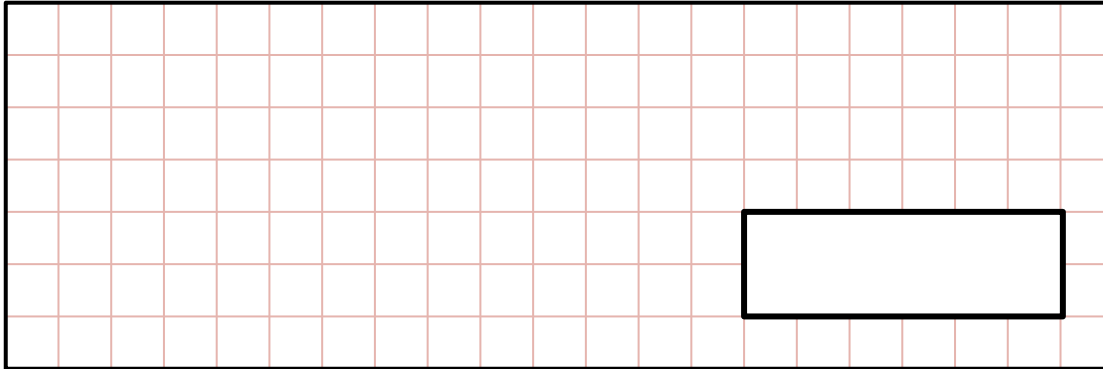
CONTENT DOMAIN REFERENCES:  
F11, F12, R2

# KS2 SATS

## PRACTICE QUESTIONS BY TOPIC

**1** 20% of 1,500 =

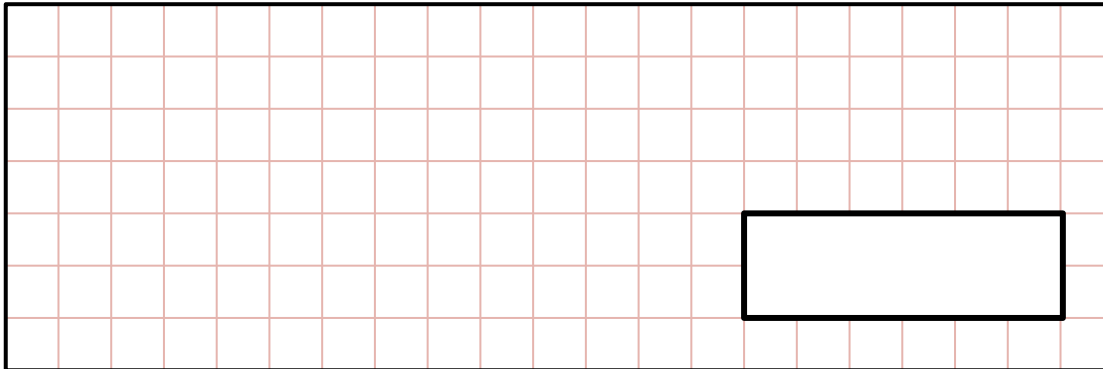
[2016S]



[1 mark]

**2** 20% of 1,800 =

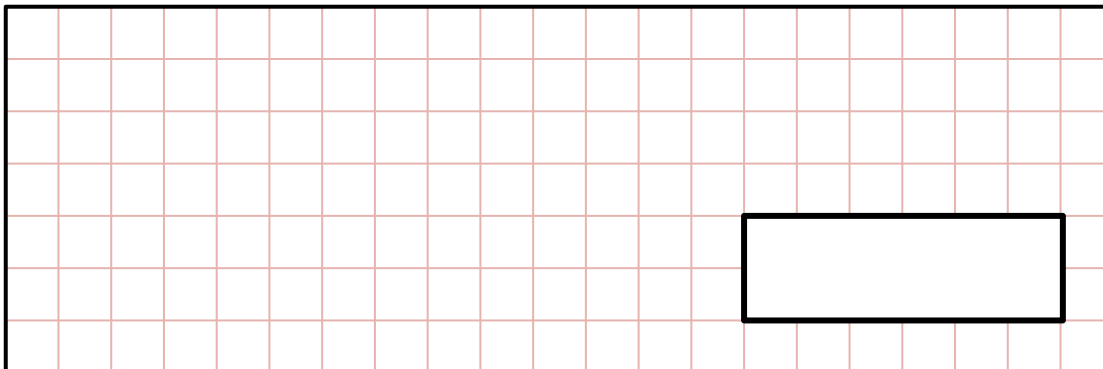
[2016]



[1 mark]

**3** 60% of 765 =

[2000]



[1 mark]

4

5% of £3600 =

[2004]

A large grid for calculation, 20 units wide and 10 units high. A small empty box is located in the bottom right corner of the grid, intended for the student to write the answer.

[1 mark]

5

15% of 460 =

[2001]

A large grid for calculation, 20 units wide and 10 units high. A small empty box is located in the bottom right corner of the grid, intended for the student to write the answer.

[1 mark]

6

200 children went on holiday.

[2014]

10% of the children went to Wales.

25% of the children went to Scotland.

How many **more** children went to Scotland than went to Wales?

Show your method

A large grid for calculation, 20 units wide and 10 units high. A small empty box is located in the bottom right corner of the grid, intended for the student to write the answer.

[2 marks]

7

[2008]



Emily makes 250 grams of a snack mixture.

15% of the weight is raisins, 25% is banana chips and the rest is peanuts.

How many grams of **peanuts** does she use?

Show your method

[2 marks]

8

[2015]

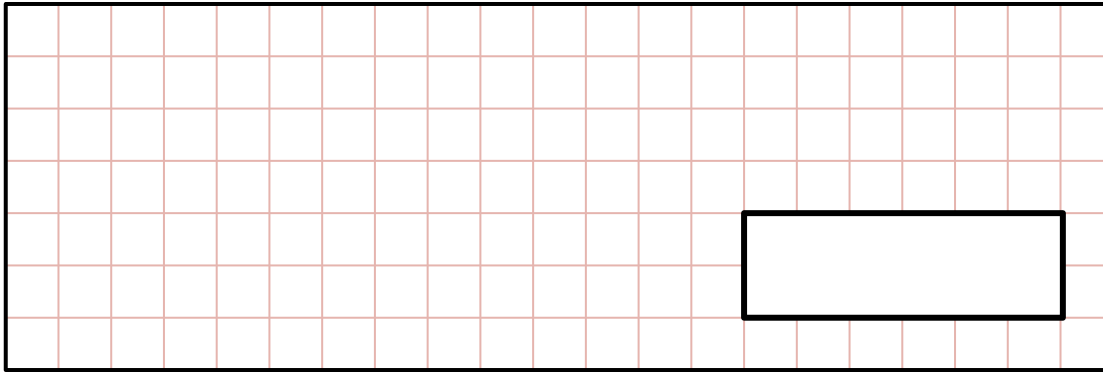
55% of 640 =

[1 mark]

9

45% of 460 =

[2017]



[1 mark]

10

[2003]



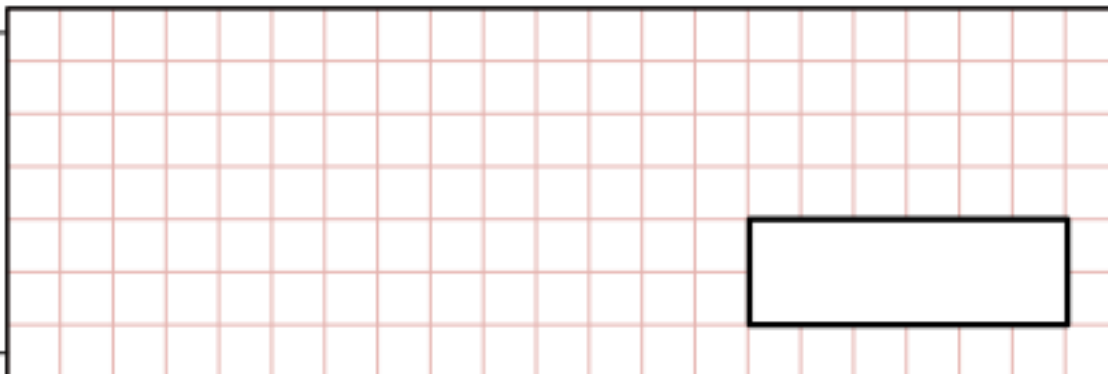
**250 000** people visited a theme park in one year.

**15%** of the people visited in April and

**40%** of the people visited in August.

How many people visited the park in the rest of the year?

Show your method

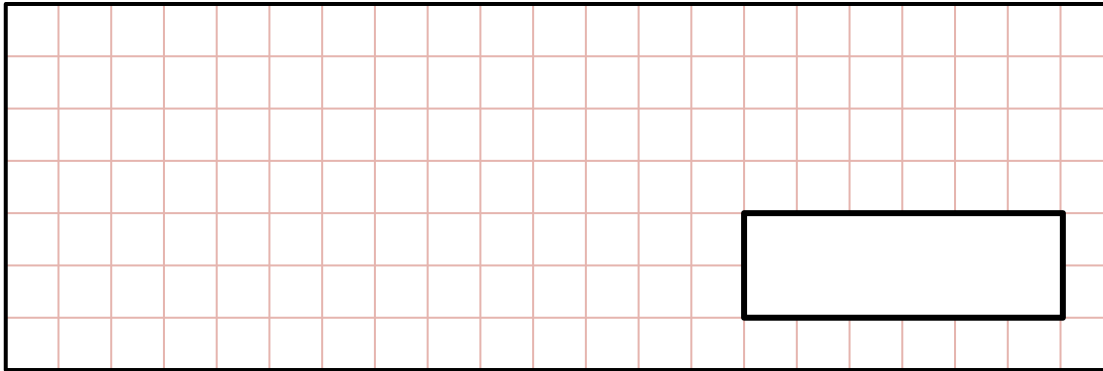


[2 marks]

**11**

15% of 440 =

[2016]




[1 mark]

**12**

95% of 240 =

[2016S]



[1 mark]

**13**A cat sleeps for **12 hours** each day.

[2017]

**50%** of its life is spent asleep.

Write the missing percentage.

A koala sleeps for **18 hours** each day.

%

of its life is spent asleep.

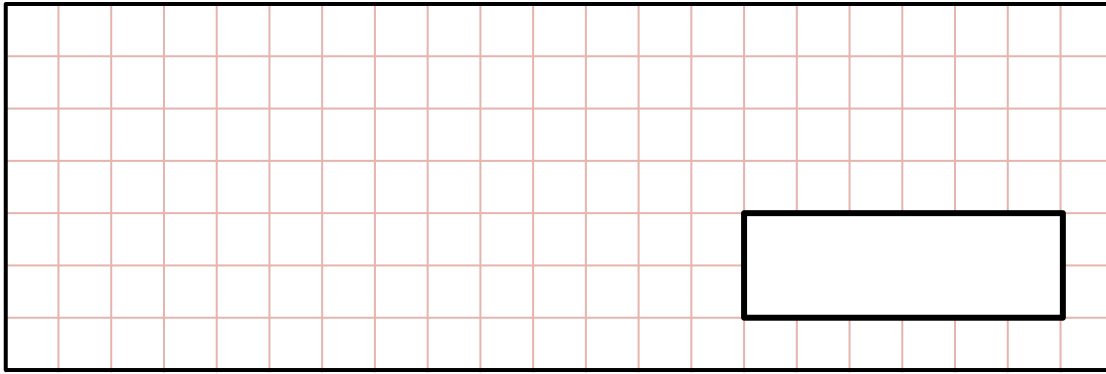


[1 mark]

14

7% of 500 =

[2017]

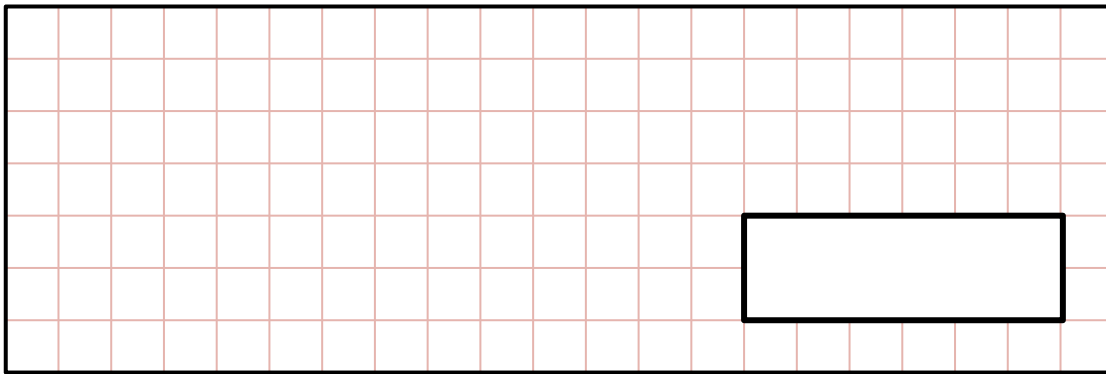
A large rectangular grid with a black border and a light red grid pattern. On the right side of the grid, there is a smaller, empty rectangular box with a black border, intended for the student to write the answer to the question.

[1 mark]

15

15%  $\times$  1,000 =

[2017]

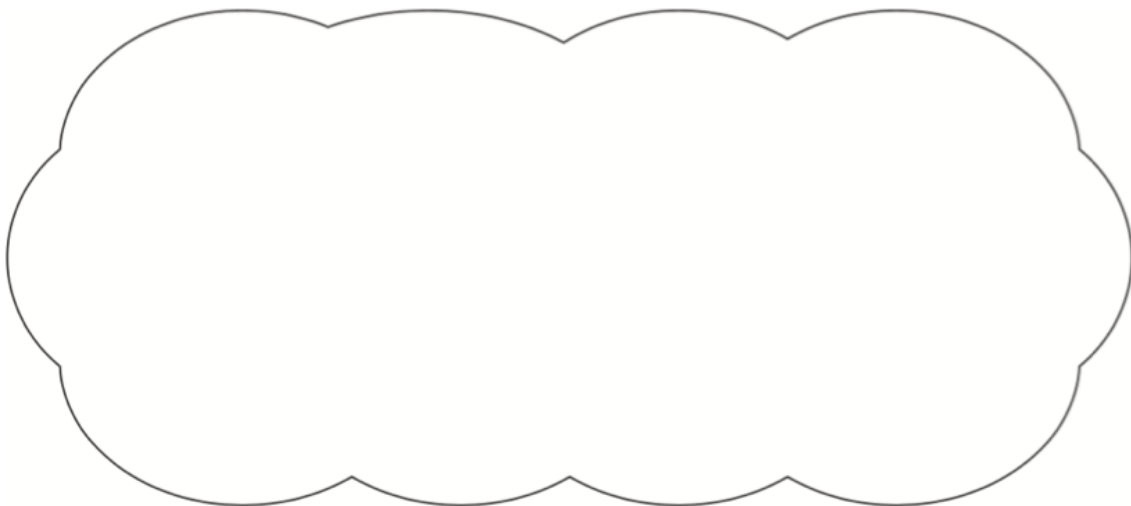
A large rectangular grid with a black border and a light red grid pattern. On the right side of the grid, there is a smaller, empty rectangular box with a black border, intended for the student to write the answer to the question.

[1 mark]

16

If you know **40%** of a number, explain how you could work out the original number.

[2010]

A large, empty, cloud-shaped area with a black outline, intended for the student to write their explanation for question 16.

[1 mark]

17

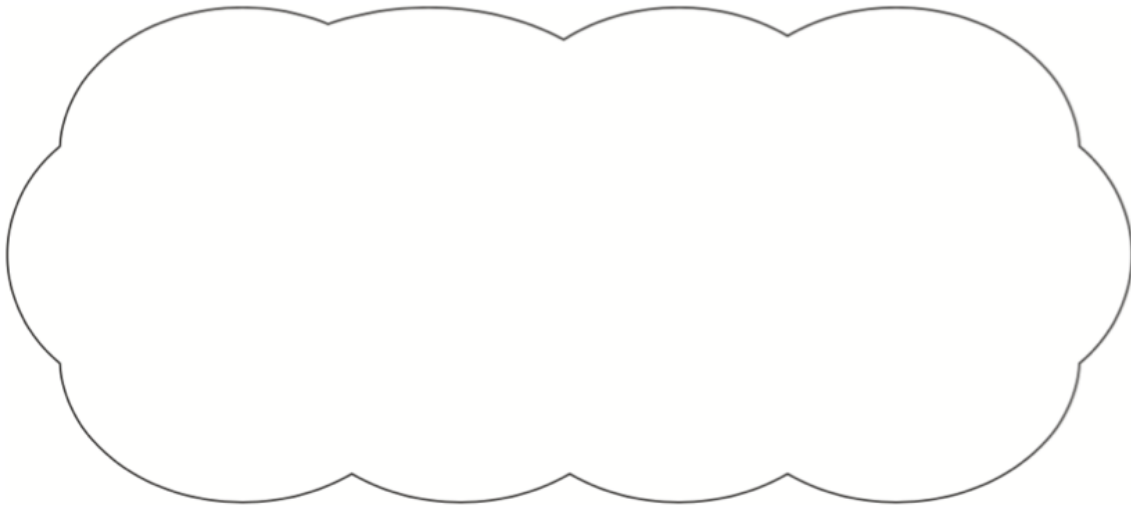
Liam did a survey of 55 people to see how many were left-handed.

[2014]

Liam says,

***'The results show that exactly 10% of the people in the survey are left-handed.'***

Explain why Liam cannot be correct.



[1 mark]

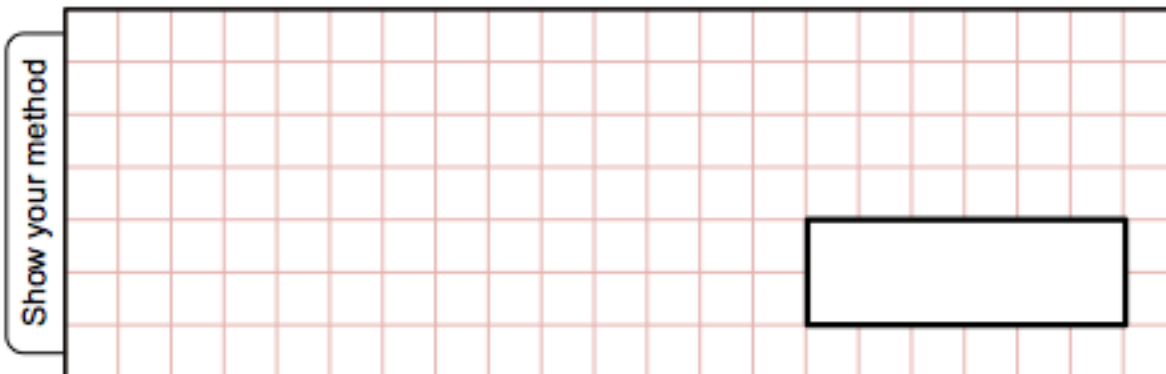
18

20% of Megan's number is 64

[2013]

What is 50% of Megan's number?

Show your method



[2 marks]

19

Write in the missing numbers.

[2005]

30% of 60 is

30% of

is 60

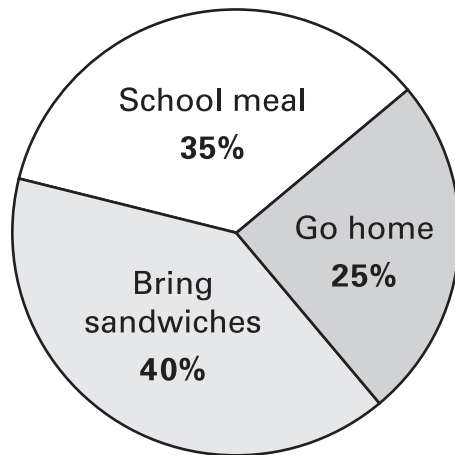
[2 marks]

20

[2000]



This pie chart shows the lunch choices of year 6 children at a school.



28 children in year 6 have a school meal.

How many **go home** for lunch?

Show your method

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[2 marks]