

- 1 Work out 15% of 160 grams.

..... grams  
(2)

- 2 Write  $\frac{4}{50}$  as a percentage.

..... %  
(1)

- 3 Write 0.6 as a percentage.

..... %  
(1)

- 4 Write 0.23 as a percentage.

..... %  
(1)

- 5 There are 800 students at a school.  
Each student has either a school dinner or a packed lunch.

31% of the students have packed lunches.

55% of the students are boys.

60% of the boys have school dinners.

How many girls have packed lunches?

You must show all your working.

---

(4)

- 6 In a shop, a TV has a normal price of £500  
The shop has a sale.

On Monday, the normal price of the TV is reduced by  $\frac{1}{10}$  to give the sale price.

On Tuesday, the sale price of the TV is reduced by 20%

Chris wants to buy the TV.

He has £400 to spend on the TV.

Does Chris have enough money to buy the TV on Tuesday?

You must show how you get your answer.

(5)

- 7 Write  $\frac{1}{4}$  as a percentage.

..... %  
(1)

- 8 An exam has two papers, Paper 1 and Paper 2

Paper 1 has 60 marks.

Paper 2 has 90 marks.

The pass mark is  $\frac{2}{3}$  of the total number of marks.

Danielle gets 70% of the marks for Paper 1

How many of the marks for Paper 2 must Danielle get in order to get the pass mark?

.....  
(4)

- 9 Write 40% as a fraction.

.....  
(1)

- 10 Write 31% as a fraction.

.....  
(1)

- 11 60 people are asked if they prefer to text or to email their friends.

38 of the people are women and the rest are men.

15 of the men prefer to email their friends.

60% of the people prefer to text their friends.

Complete the frequency tree for this information.

