

Capacity and statistics

Question 1

Can you match these objects with their capacity?

A kitchen sink

8 ml

An eggcup

1 litre

A bottle of water

40 ml

A bottle cap

20 litres

A hot tub

800 litres

Question 2

Can you compare these volumes? Use $<$, $>$, or $=$.

400 ml

4 litres

2,000 ml

3 litres

1,199 ml

1 litre

12 litres

1,200 ml

360 ml of water

360 ml of fizzy pop



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Question 3

Can you complete these additions and subtractions?

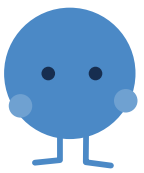
a $75 \text{ ml} + 25 \text{ ml} = \square \text{ ml}$ **b** $3 \text{ litres} + 24 \text{ litres} = \square \text{ litres}$

c $22 \text{ ml} + 122 \text{ ml} = \square \text{ ml}$ **d** $447 \text{ ml} + 63 \text{ ml} = \square \text{ ml}$

e $100 \text{ ml} - 26 \text{ ml} = \square \text{ ml}$ **f** $35 \text{ litres} - 27 \text{ litres} = \square \text{ litres}$

g $456 \text{ ml} - 134 \text{ ml} = \square \text{ ml}$ **h** $125 \text{ litres} - 52 \text{ litres} = \square \text{ litres}$

Question 4



At the restaurant, Prakash has three 300 ml cups of water from a 1,000 ml bottle. What volume of water is left in the bottle?






Maya's fruit drink recipe uses 50 ml of passion fruit syrup, 500 ml of orange juice, and 200 ml of mango juice. How much fruit drink does the recipe make?




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Question 5

Darren asks everyone in the lunch queue whether they're having soup, salad or a sandwich for lunch. He puts his answers in this pictogram.

| Lunch choices | Frequency |
|---------------|--|
| Soup |  |
| Salad |  |
| Sandwich |  |

Key:  = 4 people

a What's the most popular lunch choice?

b What's the least popular?

c How many people are having sandwiches?



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- d Darren forgot to add his own choice. He is having soup. Can you add Darren to the pictogram?
- e Including Darren, how many people are there in the lunch queue altogether?

Question 6

Maisie asks everyone in her class, “Which superpower would you rather have?”

Here are the results in a frequency table.


| Superpower | Frequency |
|--------------|-----------|
| Flying | 12 |
| Invisibility | 5 |
| Super speed | 3 |



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- a Can you complete a pictogram with Maisie's results?

| Superpower | Frequency |
|--------------|-----------|
| Flying | |
| Invisibility | |
| Super speed | |

Key:  = 2 people

- b How many people did Maisie ask altogether?

- c Maisie says, "Twice as many people chose flying over being invisible." Is she right?

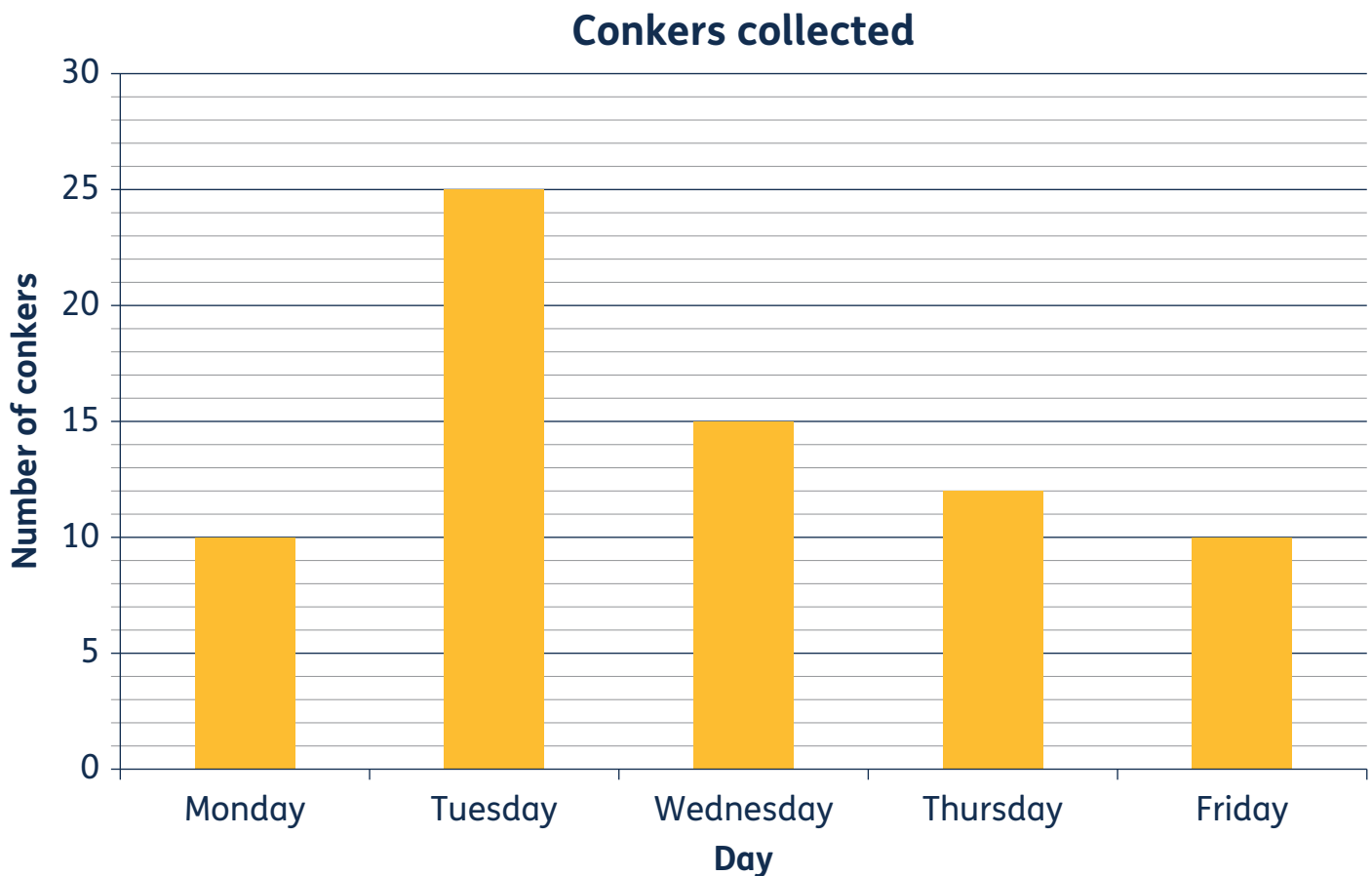


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Question 8

Jade decides to pick up conkers on her walk to school.

Here is a bar chart she makes showing how many conkers she collects each day.



- a How many conkers did Jade collect on Thursday?



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- b** On which two days did Jade collect the same number of conkers?

- c** How many more conkers did Jade collect on Tuesday than on Wednesday?

- d** How many conkers did Jade collect all together?

- e** There is no data for Saturday and Sunday. Why not?

