

Pictograms 1

- 1 Luis made a pictogram about children's favourite fruit.

How many children said their favourite fruit was an orange?

Orange has 3 symbols.

Each  symbol represents children.

$$3 \times \text{} = \text{}$$

children said their favourite fruit was an orange.

Key: Each  represents 2 children.

Fruit	Number of children
apple	   
banana	   
pear	  
orange	  

- 2 Andy asked his friends about their favourite snack.

Key: Each  represents 10 children.

  	 		 
flapjack	popcorn	cheese straws	shortbread

Complete the sentences.

- a)  represents _____.

children said popcorn was their favourite snack.

- b) children said cheese straws were their favourite snack.

- c) More children like _____ or _____ than like popcorn.

- 3 Amelia asked all of Key Stage 2 about their favourite drink.

Complete the pictogram.

Key: Each  represents 10 children.

Drink	Number of children
water	50
orange juice	35
apple juice	20
blackcurrant squash	25

Drink	Number of children
water	    
orange juice	
apple juice	
blackcurrant squash	

- 4 Jamilla asked some children about their favourite treat foods. 

Complete the table and the pictogram.

Key: Each  represents children.

Treat	Number of children
cake	
chocolate bar	10
chewy sweets	
fruit	
yoghurt	20

Treat	Number of children
cake	   
chocolate bar	 
chewy sweets	  
fruit	
yoghurt	

- 5 Isla made two pictograms to show the amount of sugar in some drinks made by two different companies.

Fizz Bizz

Drink	Sugar content
cola	
orangeade	

Key:
Each  represents 10 g sugar.

Posh Squash

Drink	Sugar content
summer fruits	   
orangeade	  

Key:
Each  represents 2 g sugar.

- a) Which company's orangeade contains least sugar?
 _____ company's orangeade contains the least sugar.
- b) Explain how Isla could make her charts more helpful.

Reflect

Create a section of a pictogram which shows that 10 people have chosen Hide and Seek as their favourite game.

Make two versions, each with a different key.

Pictograms 2

- 1 Some people were asked their favourite holiday destination. The pictogram shows the results.

Destination	Number of people
Spain	 
Portugal	  
France	 
Greece	   

Key: Each  = 10 people.

- a) How many more people chose Greece than France?

There are symbols for Greece and for France.

$$\boxed{} - \boxed{} = \boxed{}$$

1 symbol represents .

$$\boxed{} \times \boxed{} = \boxed{}$$

more people said Greece was their favourite destination.

- b) How many people chose Greece or Portugal?

people chose Greece or Portugal.

Show your working out in the box below.

- 2 How many people were asked altogether?

There are symbols in the pictogram altogether.

Each symbol represents .

people were asked altogether.

- 3 Complete these sentences. Use the pictograms to help you.



Favourite type of book

Year 3 children

Type	Number of children
comedy	
animal	
magical	
history	
sci-fi	

Key: Each represents 5.

Year 2 children

Type	Number of children
comedy	
animal	
magical	
history	
sci-fi	

Key: Each represents 2.

- a) children like comedy in total.
- b) more Year 3 than Year 2 children like history books.
- c) more Year 2 than Year 3 children like animal books.

- 4 The table shows the holiday destinations of 160 people.



Holiday destination	Europe	Caribbean	USA	UK
Number of people	70	5	25	60

Richard draws a pictogram for the information.

Destination	Number of people
Europe	      
Caribbean	    
USA	  
UK	     

Find the mistakes that Richard has made.

Reflect

Write down three things you must remember when you draw a pictogram.
