

# Pictograms





Video 162 on [www.corbettmaths.com](http://www.corbettmaths.com)

## Workout

Question 1: James is revising for an exam.  
The pictogram shows how many hours he spent revising over four days.





Key  represents 2 hours

- (a) How many hours did James spend revising on Monday?
- (b) How many hours did James spend revising on Wednesday?
- (c) On which day did James spend 6 hours revising?
- (d) How many hours did James spend revising in total?

Monday	
Tuesday	
Wednesday	
Thursday	

Question 2: The pictogram shows how much money 4 friends raised for charity.





- (a) Who raised the most money for charity?
- (b) Who raised the least money for charity?
- (c) How much money did Dylan raise?
- (d) How much more did Ellie raise than Cara?
- (e) How much more did Ellie raise than Dylan?
- (f) How much money did the friends raise in total?

Ben	
Cara	
Dylan	
Ellie	

Key  represents £10

Question 3: The pictogram shows the number of hours of sunshine in four cities for a day in May.

- (a) Which city had the most sunshine?
- (b) How many hours of sunshine did Swansea have?
- (c) How many more hours of sunshine did Paris have than London?

Paris	
Cork	
London	
Swansea	

Key  represents 4 hours

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Question 4: Draw a pictogram for each of the following tables.  
Use a suitable key.

(a)

Sport	Frequency
Badminton	20
Judo	15
Squash	25
Table Tennis	5

(b)

Day	Cars sold
Monday	6
Tuesday	8
Wednesday	3
Thursday	10
Friday	7

(c)

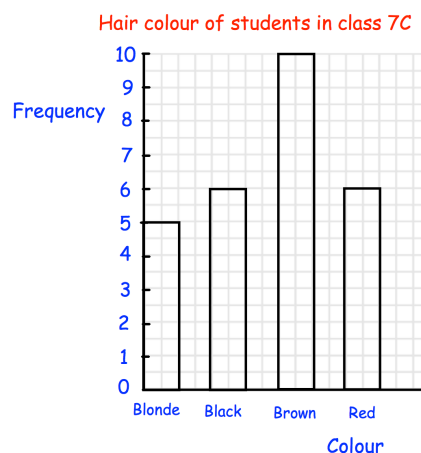
Position	Players
Goalkeepers	3
Defenders	18
Midfielders	16
Forwards	14

(d)

Shoe Size	Frequency
4	6
5	9
6	15
7	12
8	6

(e)

	Tweets
Hollie	50
Nick	120
Chris	70
Becky	80



Question 1: The bar chart above shows the hair colour of students in class 7C.  
Draw a pictogram to represent the information shown in the bar chart.

Question 2: The pictogram below shows the results of Bath City over a season.  
Each win is worth 3 points.  
Each draw is worth 1 point.  
Each lose is worth 0 points.  
How many points did Bath City earn over the season?

Win	○ ○ ○ ○ ○
Draw	○ ◐
Loss	○ ○ ○ ◐

Key ○ represents 2 matches

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Question 3: Hannah has been asked to draw a pictogram for this information.

	Population
Milton	4,000
Leek	9,000
Redville	4,500
Newtown	5,000
Donhampton	2,000

Hannah has decided to use the key Key represents 10 people

- (a) Explain why her key is not suitable
- (b) Suggest a more suitable key
- (c) Draw a pictogram using your key from (b)

Question 4: The pictogram shows some information about the colour of sweets in a bag.

There are twice as many red sweets than green sweets.  
 There are 30% more white sweets than blue sweets.  
 There are 6 more red sweets than white sweets.

Complete the pictogram.

Red	
White	
Green	
Blue	

Key represents 8 sweets