





# Handling data - Pictograms

Joyleen is making fruit smoothies.  
The pictogram shows information about the number of each type of fruit she has.

Key:  represents 4 fruits


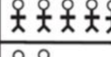


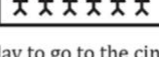
|             |   |
|-------------|---|
| Oranges     |  |
| Kiwi fruits |  |
| Bananas     |  |

This is the recipe for one smoothie.

3 oranges  
2 kiwi fruits  
 $1\frac{1}{2}$  bananas

Work out the maximum number of smoothies that Joyleen can make.

Look at the pictogram below about how many people went to the cinema each day.

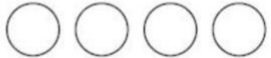
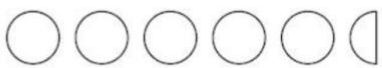
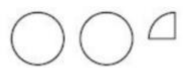
|           |   |
|-----------|---|
| Monday    |  |
| Tuesday   |  |
| Wednesday |  |
| Thursday  |  |
| Friday    |  |


a) What was the most popular day to go to the cinema?  
Answer \_\_\_\_\_

b) 9 people went to the cinema on Thursday, how many people went on Monday?  
Answer \_\_\_\_\_

c) How many people does the pictogram represent in total?  
Answer \_\_\_\_\_







Ajay owns a cafe.  
The pictogram shows information about the number of each type of fruit he has in the cafe.


|         |   |
|---------|---|
| Apples  |   |
| Oranges |  |
| Bananas |  |

Key  
  
represents 4 pieces of fruit

It takes 7 oranges to make 500 ml of orange juice.  
Ajay has to make  $1\frac{1}{2}$  litres of orange juice.  
Has Ajay enough oranges?

In a survey, 1000 people were asked if they owned a computer. The pictogram shows the results of the survey.
















|           |   |
|-----------|---|
| Greece    |  |
| Hong Kong |  |
| Italy     |  |
| Korea     |  |
| Kuwait    |  |
| Malaysia  |  |


 represents 50 people who owned a computer.

(a) In which country did the greatest number of people own a computer?  
\_\_\_\_\_

(b) Write down the number of people in Italy who owned a computer.  
\_\_\_\_\_

The pictogram below shows information about the number of cars that Sally sees on her way to school in a week.

|           |   |   |   |   |
|-----------|---|---|---|---|
|           |  |   |   |   |
| Monday    |  |   |   |   |
| Tuesday   |  |  |   |   |
| Wednesday |  |  |  |   |
| Thursday  |  |  |  |  |
| Friday    |  |  |  |  |

Key  
 = 10 cars




(a) How many cars did she see on Thursday?  
Answer: ..... [1 mark]

(b) Sally says she saw 55 cars in total on 2 consecutive days. Which 2 days was she talking about?  
Answer: ..... and ..... [1 mark]

# Answers

Joyleen is making fruit smoothies.  
The pictogram shows information about the number of each type of fruit she has.

Key:  represents 4 fruits






|             |   |    |
|-------------|---|----|
| Oranges     |  | 18 |
| Kiwi fruits |  | 10 |
| Bananas     |  | 7  |

This is the recipe for one smoothie.

|               |    |
|---------------|----|
| 3 oranges     | 6  |
| 2 kiwi fruits | 10 |
| 1 1/2 bananas | 4  |




Work out the maximum number of smoothies that Joyleen can make **4**


Look at the pictogram below about how many people went to the cinema each day.

|           |   |   |
|-----------|---|---|
| Monday    |  | 2 |
| Tuesday   |  | 4 |
| Wednesday |  | 2 |
| Thursday  |  | 3 |
| Friday    |  | 5 |

- a) What was the most popular day to go to the cinema?  
Answer Friday
- b) 9 people went to the cinema on Thursday, how many people went on Monday?  
Answer 3
- c) How many people does the pictogram represent in total?  
Answer 37

Ajay owns a cafe.  
The pictogram shows information about the number of each type of fruit he has in the cafe.

|         |   |    |
|---------|---|----|
| Apples  |   |    |
| Oranges |  | 22 |
| Bananas |  |    |

Key:  represents 4 pieces of fruit







It takes 7 oranges to make 500 ml of orange juice.


Ajay has to make 1 1/2 litres of orange juice.

Has Ajay enough oranges? yes

$1\frac{1}{2} = 3 \times 500$   
 $3 \times 7 = 21$

In a survey, 1000 people were asked if they owned a computer. The pictogram shows the results of the survey.















|           |   |
|-----------|---|
| Greece    |  |
| Hong Kong |  |
| Italy     |  |
| Korea     |  |
| Kuwait    |  |
| Malaysia  |  |


 represents 50 people who owned a computer.

(a) In which country did the greatest number of people own a computer?  
Hong Kong

(b) Write down the number of people in Italy who owned a computer.  
175

The pictogram below shows information about the number of cars that Sally sees on her way to school in a week.

|        |  |   |   |   |
|--------|--|---|---|---|
|        |  |   |   |   |
|        |  |  |   |   |
|        |  |  |  |   |
|        |  |  |  |  |
|        |  |  |  |  |
| Monday | Tuesday  | Wednesday   | Thursday  | Friday  |

Key:  = 10 cars

(a) How many cars did she see on Thursday?  
Answer: 25 [1 mark]

(b) Sally says she saw 55 cars in total on 2 consecutive days. Which 2 days was she talking about?  
Answer: Tues and Wed [1 mark]