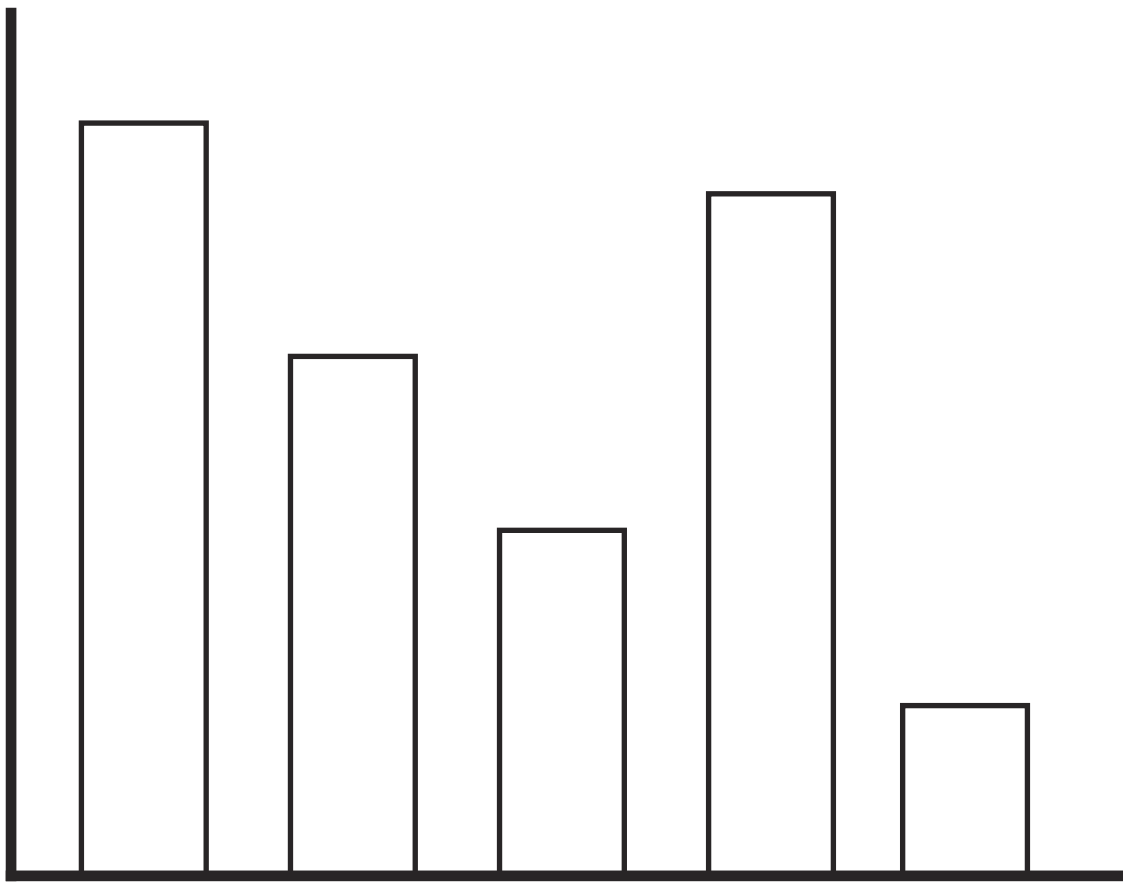


# Year 3 Statistics

## Answer Booklet

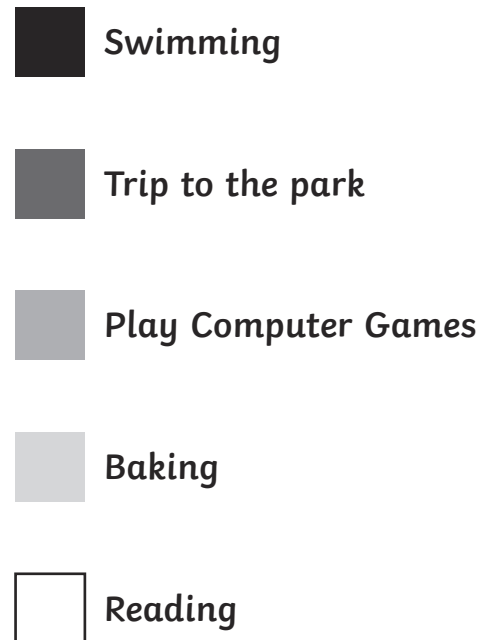
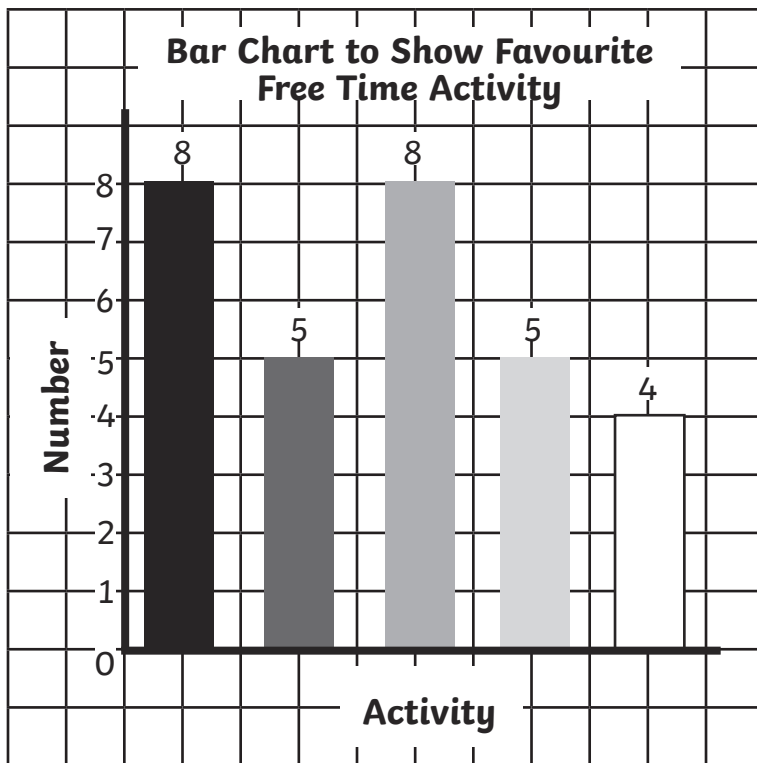


# Collecting and Presenting Data Answers

1.

Activity	Tally	Total
Swimming		8
Trip to the park		5
Play computer games		8
Baking		5
Reading		4

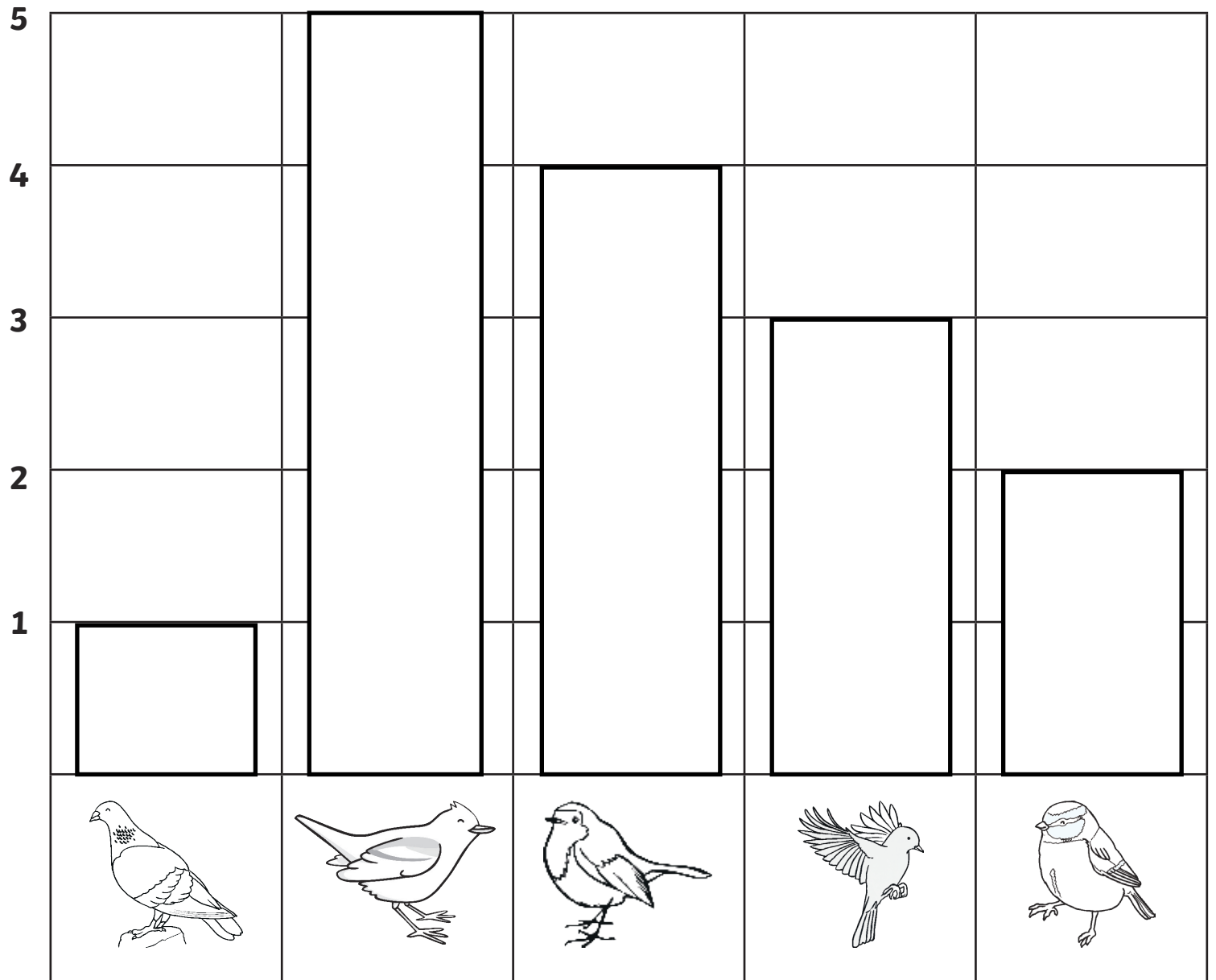
2.



# Favourite Colour Bar Graph and Tallying **Answers**

1. Red - 8 children
2. Red (8) and Orange (9), Red (8) and Green (7), Purple (1) and Blue (2)
3. 6 - Red (8) Blue (2)
4. 32
5. Orange (9), Red (8), Green (7), Yellow (5), Blue (2), Purple (1)
6. Green (7), Red (8), Orange (9)
7. Purple (1)

# Garden Bird Graph **Answers**



1. Chaffinch
2. Pigeon
3. 15
4. 9
5. 2
6. 2

# Reading Pictograms **Answers**

1. Who played computer games for the longest amount of time?

Caleb (16 hours)

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2. What is the difference in hours between the person who played the least and the person who played the most?

11: Ali (5 hours) Caleb (16 hours)

---

3. Who played the most? Dave, Laura and Delia, or Caleb, Jenni and Ali.

Caleb, Jenni and Ali (31 hours) Dave, Laura and Delia (26 hours)

---

4. How many children spent **less than** 8 hours playing games?

2: Laura (7 hours) Ali (5 hours)

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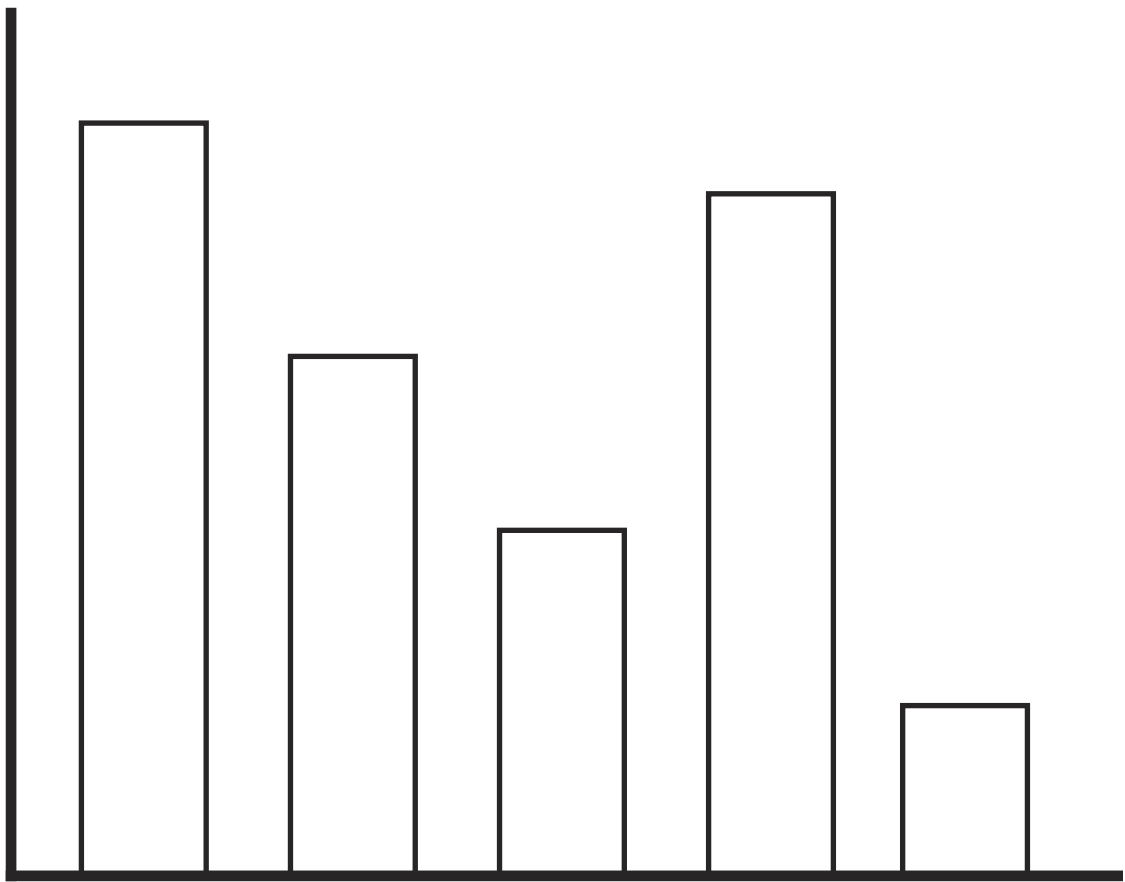
5. What was the total number of hours played on computer games?

57 hours

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# Year 3 Statistics

## Activity Booklet



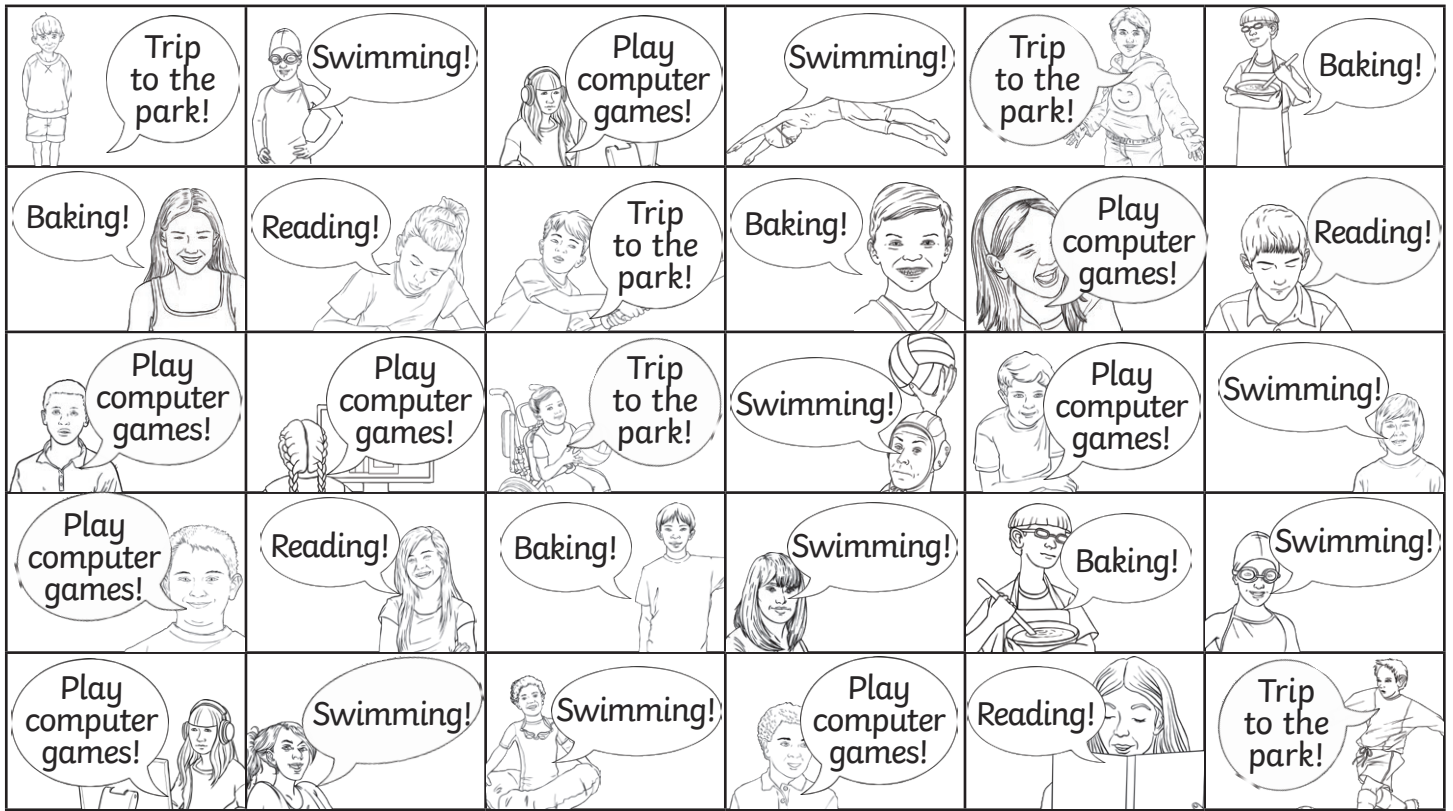
# Year 3 Statistics Learning from Home Maths Activity Booklet

## Year 3 Programme of Study – Statistics

<b>Statutory Requirements</b>	<b>Activity Sheet</b>	<b>Page Number</b>	<b>Notes</b>
Interpret and present data using bar charts, pictograms and tables.	Collecting and Presenting Data	1 - 2	
	Favourite Colour Tally and Bar Chart Activity Sheet	3 - 5	
Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables.	Garden Birds Bar Graph	6 - 8	
	Reading Pictograms	9 - 11	

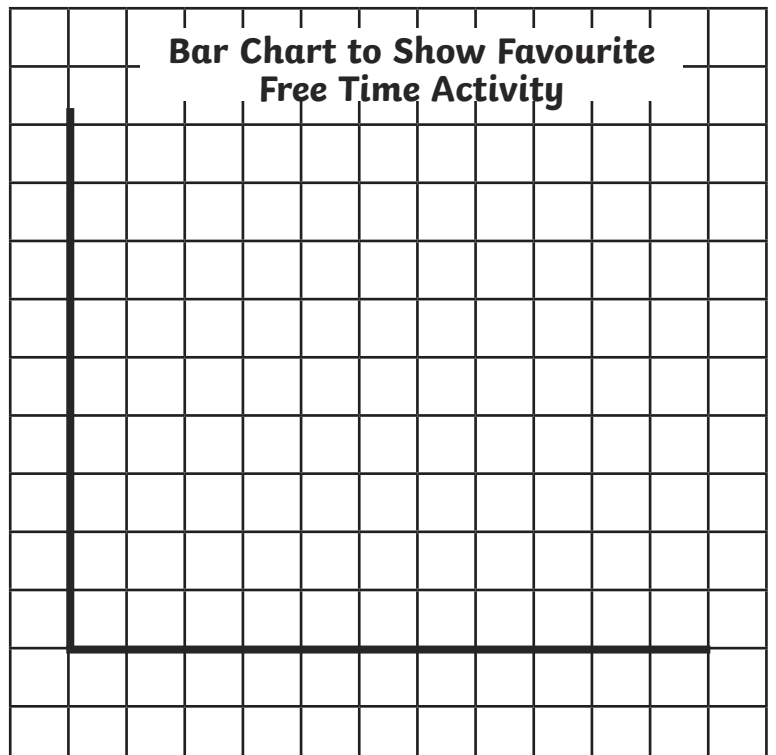
# Collecting and Presenting Data

30 children were asked to choose what their favourite activity for a free afternoon at home would be. Here are their answers.



1. Fill in the tally chart and then calculate the total of each response.
2. Draw a bar chart to present your data.

Activity	Tally	Total
Swimming		
Trip to the park		
Play computer games		
Baking		
Reading		



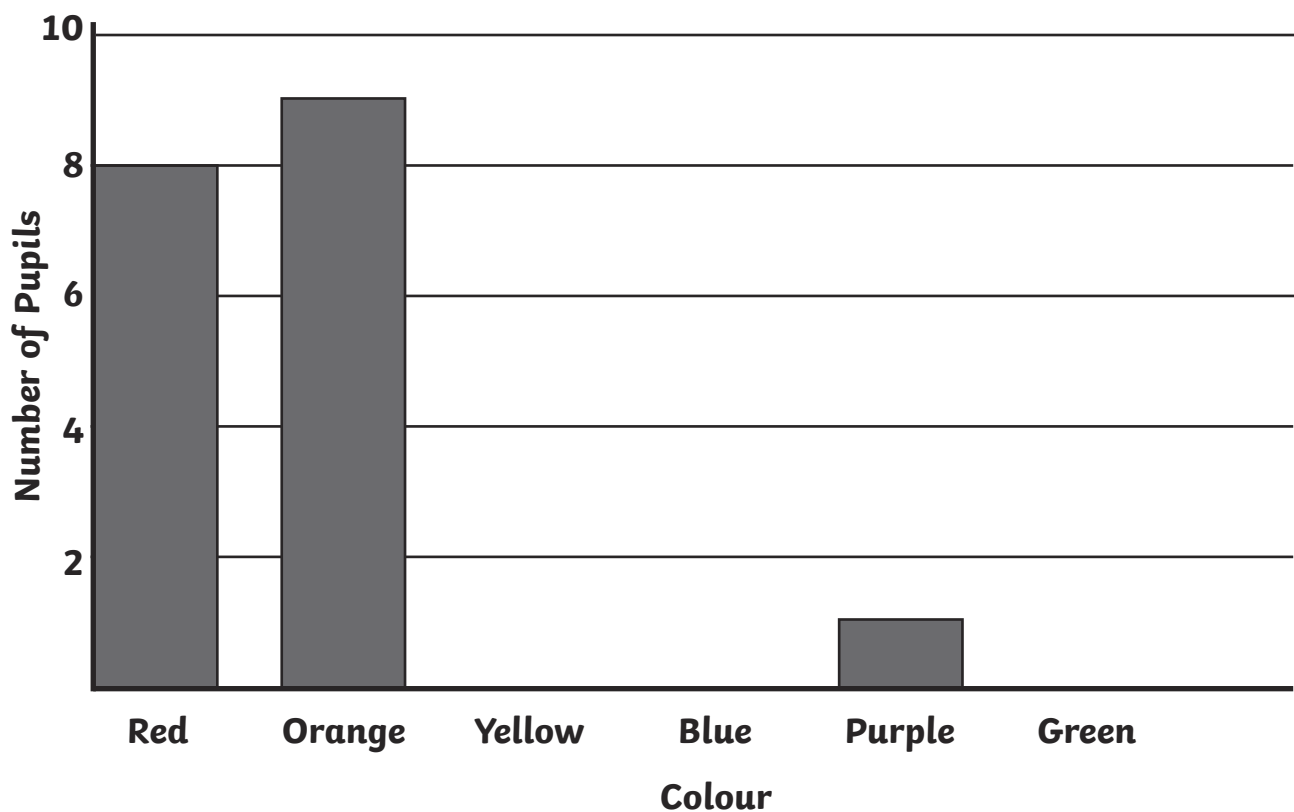


# Favourite Colour Bar Graph and Tallying

Here is a tally chart to show the favourite colour of a group of children.

Number of Children	
Red	8
Orange	9
Yellow	5
Blue	2
Purple	1
Green	7

Complete the tally chart and bar charts.



# Favourite Colour Bar Graph and Tallying

1. Which colour was the second most favourite?

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2. Which colours have a difference of 1 vote?

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3. How many more children voted for red than they did blue?

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4. How many children were asked about their favourite colour?

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5. Write the colours in order from favourite to least favourite.

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6. Which colours received over 5 votes?






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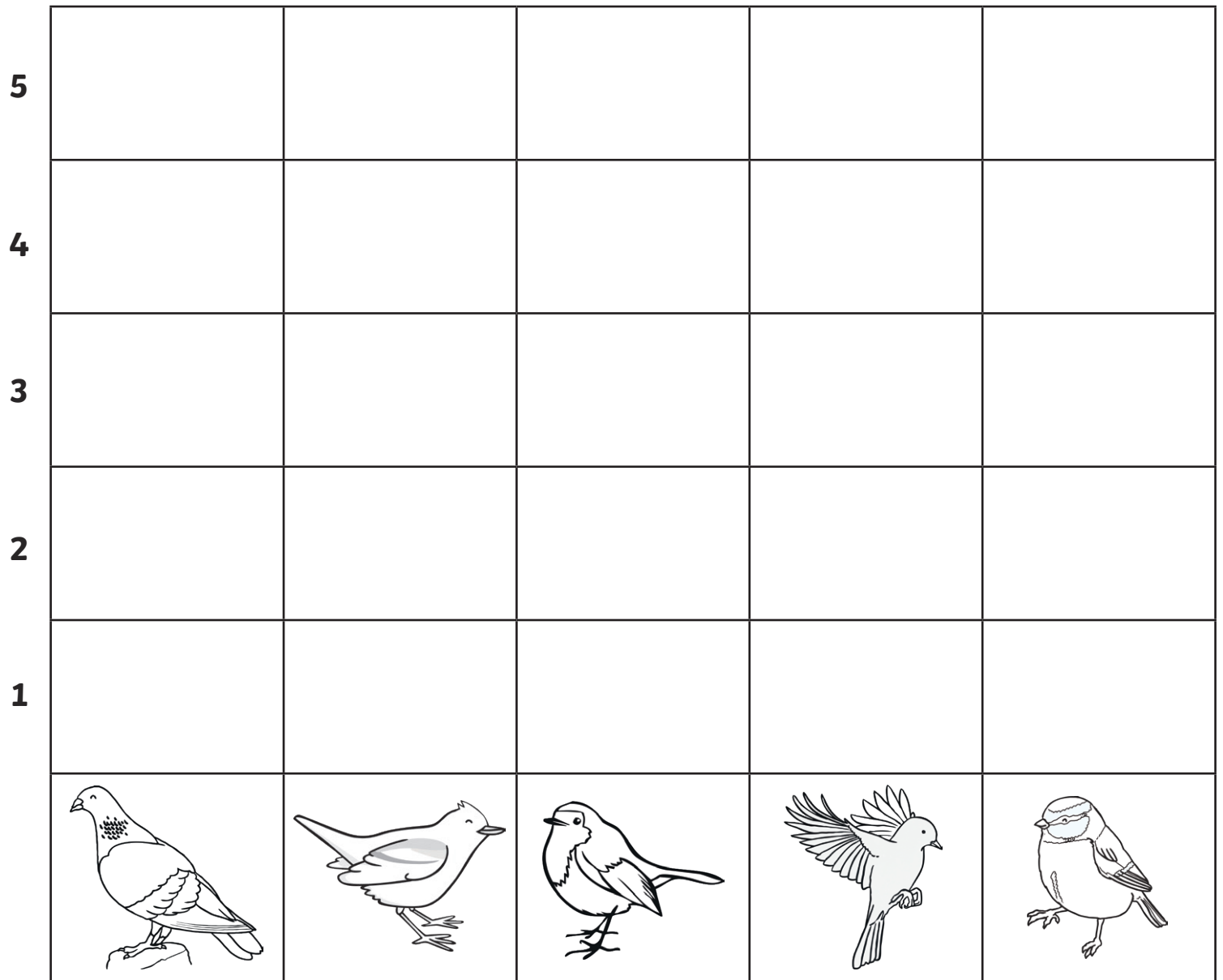
7. Which colour was least favourite?

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# Garden Bird Graph

Complete the bar graph using the information below and then answer the questions about the graph.

Garden Bird	Tally
Robin 	
Chaffinch 	
Magpie 	
Blue tit 	
Pigeon 	



# Questions

1. Which garden bird was seen the most?



2. Which garden bird was seen the least?



3. How many were there altogether? \_\_\_\_\_

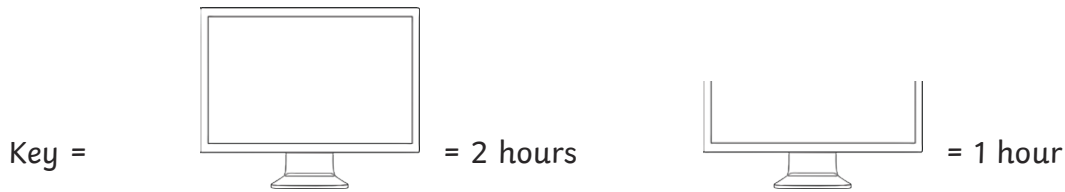
4. How many robins and chaffinches were seen? \_\_\_\_\_




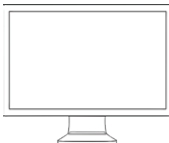
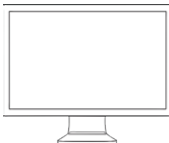
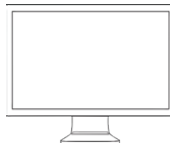
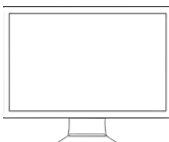
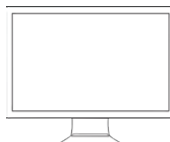


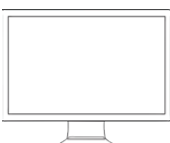


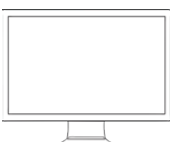
5. How many more robins than blue tits were seen? \_\_\_\_\_

6. How many fewer pigeons than magpies were seen? \_\_\_\_\_

# Reading Pictograms

The following pictogram shows the number of hours spent playing computer games by 6 children in one week. Can you answer the questions below?



					
					
					
					
					
					
					
					
<b>Dave</b>	<b>Laura</b>	<b>Delia</b>	<b>Caleb</b>	<b>Jenni</b>	<b>Ali</b>

# Reading Pictograms

1. Who played computer games for the longest amount of time?

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2. What is the difference in hours between the person who played the least and the person who played the most?

---

3. Who played the most? Dave, Laura and Delia, or Caleb, Jenni and Ali.

---

4. How many children spent **less than** 8 hours playing games?

---

5. What was the total number of hours played on computer games?

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