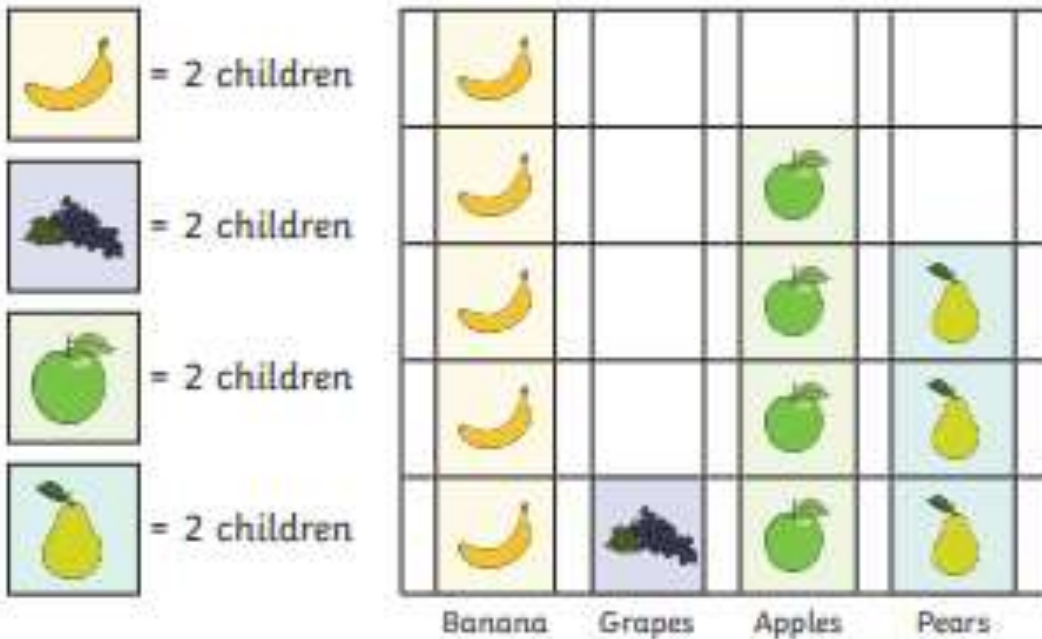


Interpreting Scaled Pictograms

Learning Objective: I can interpret scaled pictograms

Favourite Fruit



Answer the following questions.

What is the favourite fruit? _____

How many children chose apples as their favourite fruit? _____

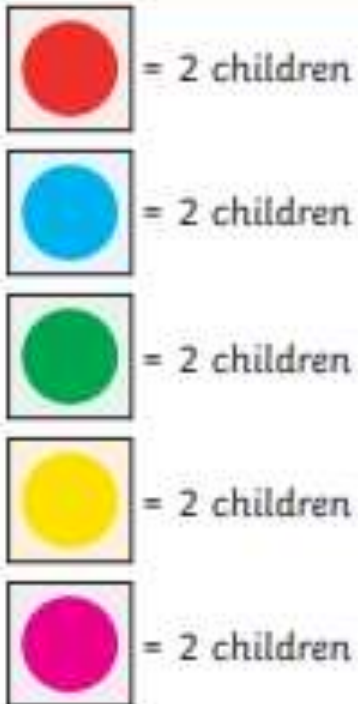
How many more children chose bananas than grapes, as their favourite fruit? _____

How many children chose apples or pears as their favourite fruit? _____

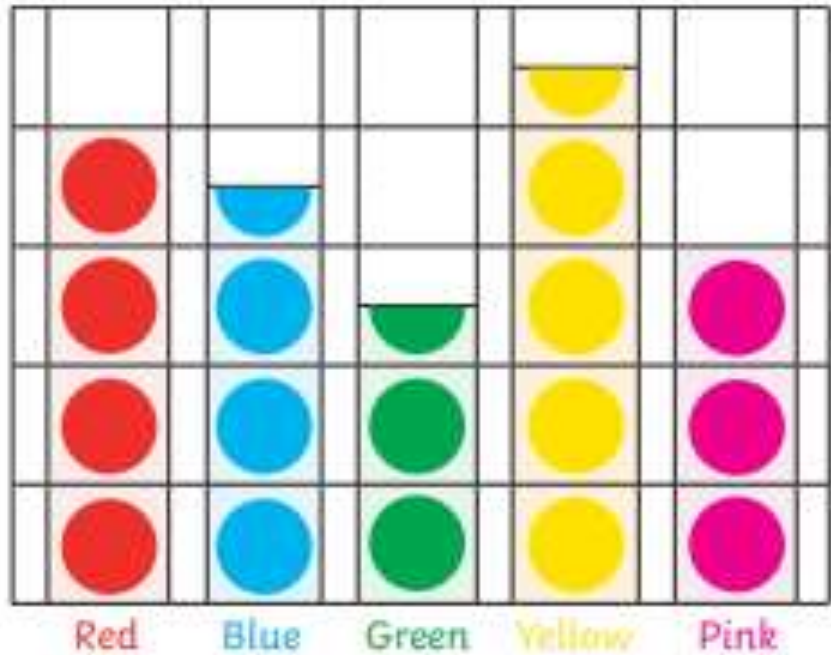
Write your own questions for a friend.

Interpreting Scaled Pictograms

Learning Objective: I can interpret scaled pictograms.



Favourite Colour



Answer the following questions.

What is the least favourite colour? _____

How many children chose yellow as their favourite colour? _____

How many fewer children chose green than blue as their favourite colour? _____

How many children chose pink and red as their favourite colour? _____

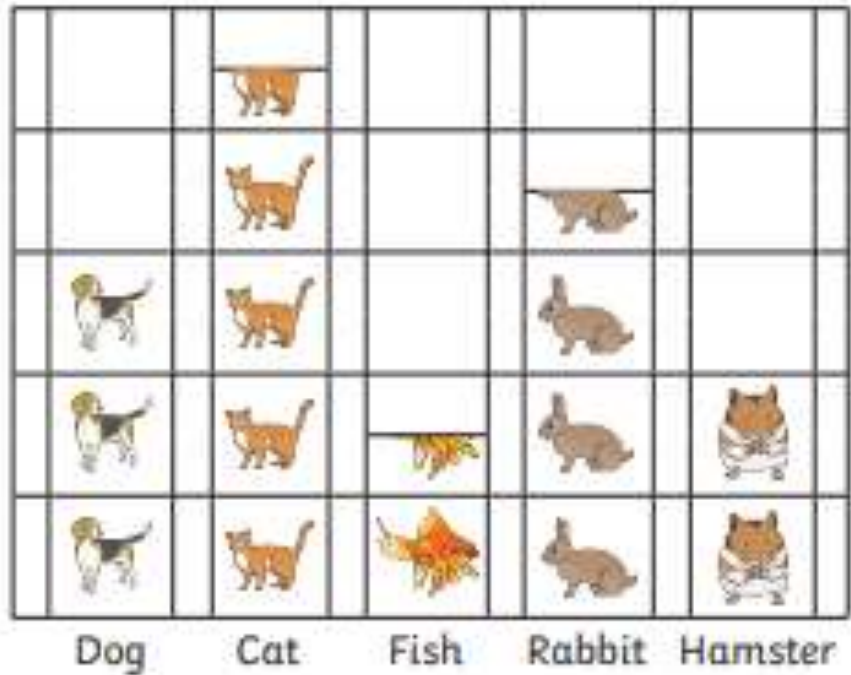
Write your own questions for a friend:

Interpreting Scaled Pictograms

Learning Objective: I can interpret scaled pictograms



Class Pets



Answer the following questions.

Which is the most common pet? _____

How many pets are there in class? _____

How many more rabbits than hamsters are there? _____

How many fewer dogs than cats are there? _____

Write your own questions for a friend.

Y4 Maths Two week block commencing 18.6.20 Welch

Interpreting Scaled Pictograms **Answers**

Favourite Fruit

What is the favourite fruit? **banana**

How many children chose apples as their favourite fruit? **8**

How many more children chose bananas than grapes, as their favourite fruit? **8**

How many children chose apples or pears as their favourite fruit? **14**

Favourite Colour

What is the least favourite colour? **green**

How many children chose yellow as their favourite colour? **9**

How many fewer children chose green than blue as their favourite colour? **2**

How many children chose pink and red as their favourite colour? **14**

Class Pets

Which is the most common pet? **cat**

How many pets are there in the class? **29**

How many more rabbits than hamsters are there? **3**

How many fewer dogs than cats are there? **3**

Favourite Fruit Worksheet



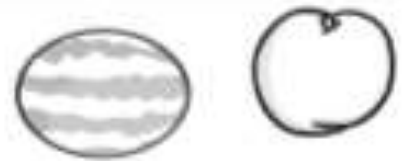
Name: Date:

Here is a tally chart of what the favourite fruit of pupils in a class were:

Fruit	Apples		
	Oranges		12
	Bananas		4
	Melons		10
	Peaches		11
	Grapes		



Number of Pupils



Complete the tally chart and pictogram.

Number of People					
	Apples	Oranges	Bananas	Melons	Peaches
	Name of Fruit				

Each

means
2 pupils

Y4 Maths Two week block commencing 18.6.20 Welch



Favourite Fruit Worksheet

Name: Date:

1. Which fruit was the least favourite?

2. Which fruits had the same number of votes?

3. How many children are there in the class?

4. List the fruits in order from most favourite to least favourite. _____

5. How many pupils voted for melons and bananas?

6. Which fruits received under 10 votes?

Favourite Colour Worksheet

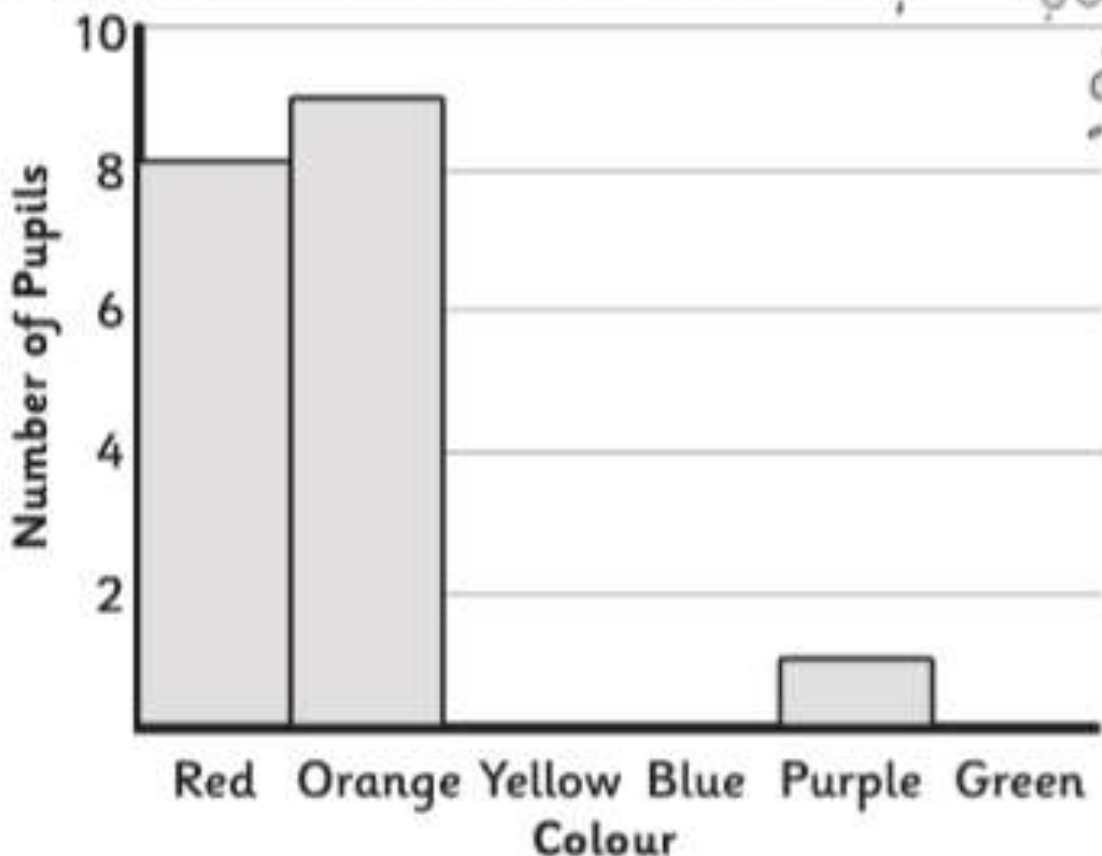


Name: Date:

Here is a tally chart of what the favourite colour of pupils in a class were:

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

Complete the tally chart and bar charts.





Favourite Colour Worksheet

Name: Date:

1. Which colour was the second most favourite?

2. Which colours have a difference of 1 vote?

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

4. How many children are in the class?

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

6. Which colours received over 5 votes?

7. Which colour was the least favourite?



Pets Survey Worksheet


Name: Date:

Here is a tally chart of what pets the pupils in a class had:

Pet	Hamster	///	
	Dog	///	
	Cat	///	
	Bird	///	5
	Fish		2
	None		9

Number of Pupils

Complete the tally chart and pictogram.

Pet						
						
	Hamster	Dog	Cat	Bird	Fish	None

Each

 means
 — pupils

Number of Pupils



Pets Survey Worksheet

Name: Date:

1. What pet is the most common?

2. How many more children have pets than those who don't?

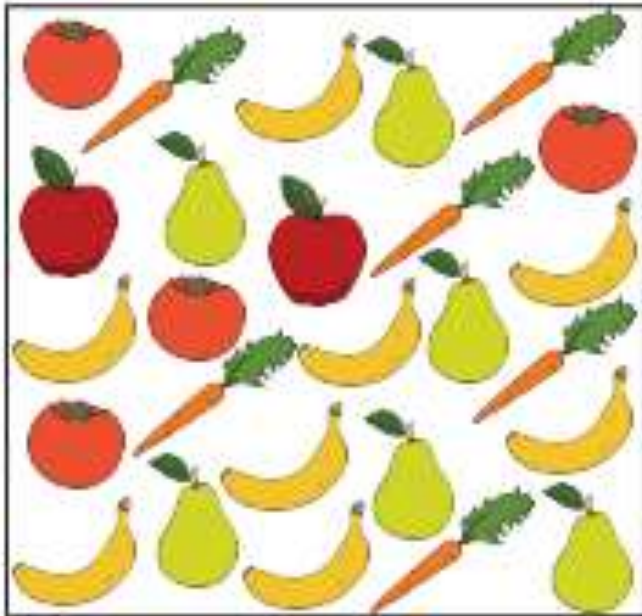
3. How many children are there in the class?






4. How many pupils have a hamster or dog?

5. Does the tally chart show that the pupils all have 1 pet each?

Counting Fruit

It is the end of the week and these are the fruits and vegetables left over from snack time at school. Create a tally chart to show what is left.



Tally Chart		
	Tally	Total
		
		
		
		
		

Now put your data into a pictogram. Draw the fruits into the boxes.
In your pictogram, one picture should represent 2 pieces of fruit.

A pictogram showing _____

banana	carrot	tomato	apple	pear

Y4 Maths Two week block commencing 18.6.20 Welch

Questions

Answer these questions using your tally chart and pictogram:

1. How many bananas were left?

2. How many pears were left?

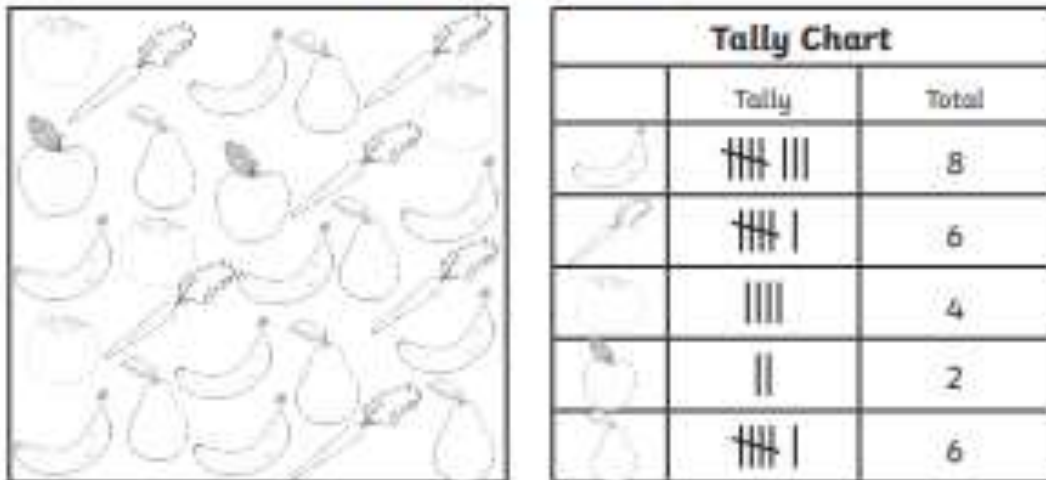
3. How many tomatoes and carrots were left altogether?

4. Which fruit had the fewest number of pieces left?

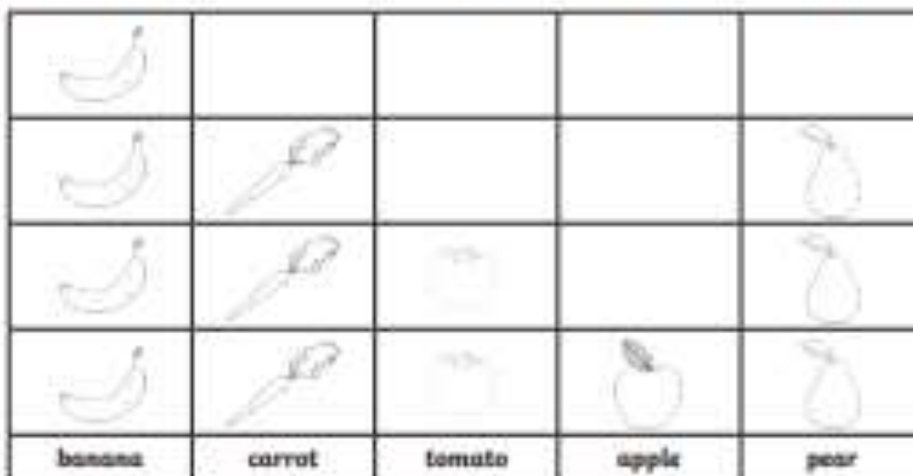
5. How many more bananas were there than apples?

6. How many fruits and vegetables were left altogether?

Answers



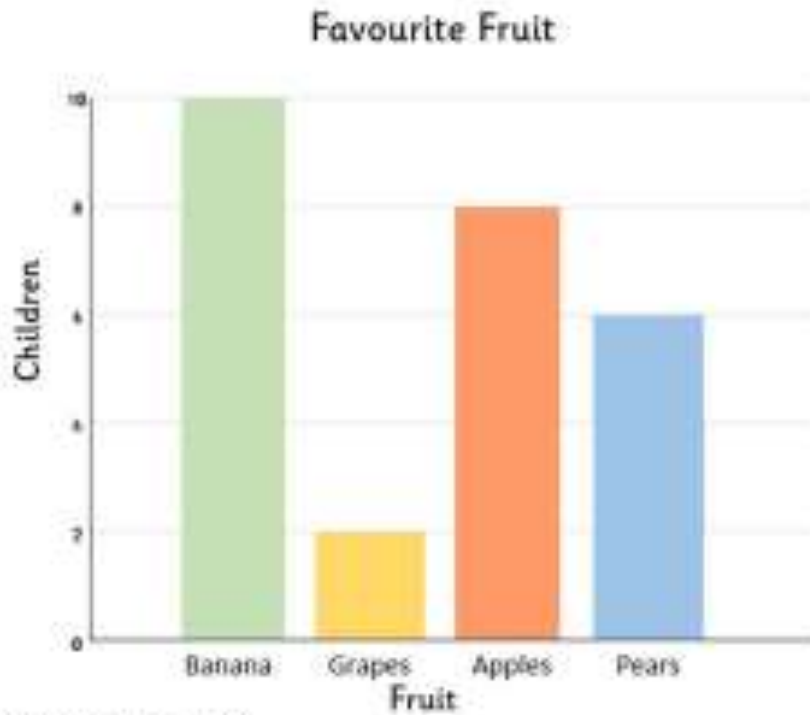
A pictogram showing the fruit left over at the end of the week.



- How many bananas were left?
8
- How many pears were left?
6
- How many tomatoes and carrots were left altogether?
10
- Which fruit had the least number of pieces left?
apples
- How many more bananas were there than apples?
6
- How many fruits and vegetables were left altogether?
26

Interpreting Scaled Bar Charts

Learning Objective: I can interpret scaled bar charts



Answer the following questions.

1. What is the favourite fruit?

2. How many children chose apples as their favourite fruit?

3. How many more children chose bananas than grapes, as their favourite fruit?

4. How many children chose apples or pears as their favourite fruit?

Write your own questions for a friend.

Interpreting Scaled Bar Charts

Answers

Favourite Fruit

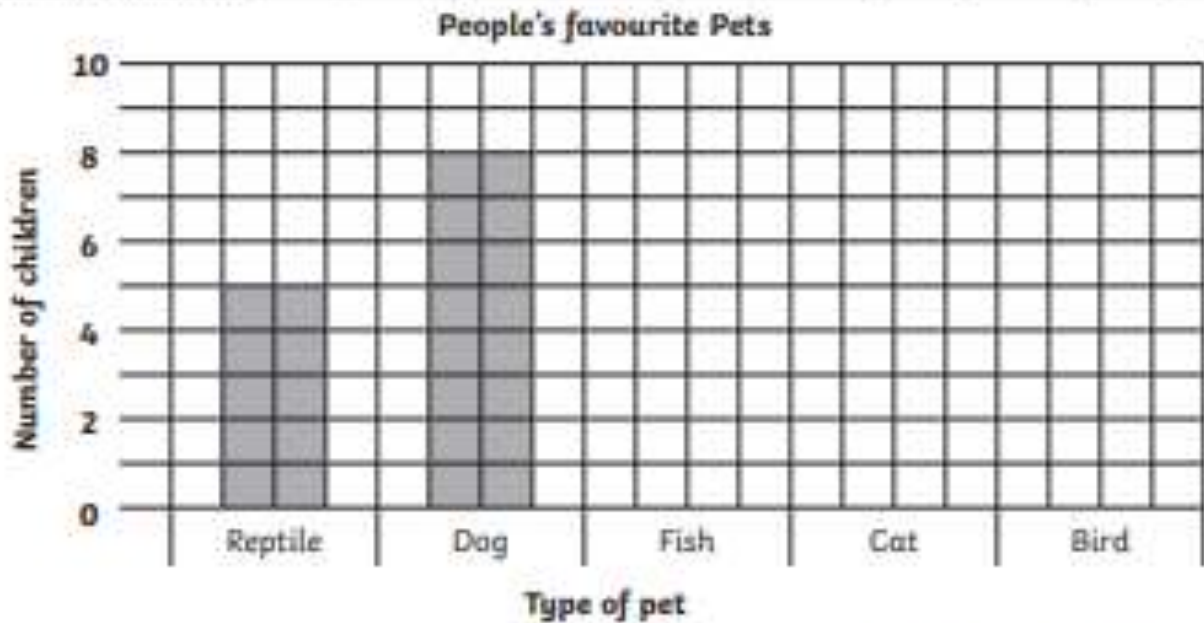
1. What is the favourite fruit? **banana**
2. How many children chose apples as their favourite fruit? **8**
3. How many more children chose bananas than grapes, as their favourite fruit? **8**
4. How many children chose apples or pears as their favourite fruit? **14**

Bar Charts

I can draw bar charts.

1. A group of children record their favourite pets. Here are the results. Complete the bar chart using the information in the table.

Favourite Pet	Reptile	Dog	Fish	Cat	Bird
Number of Children	5	8	8	7	6

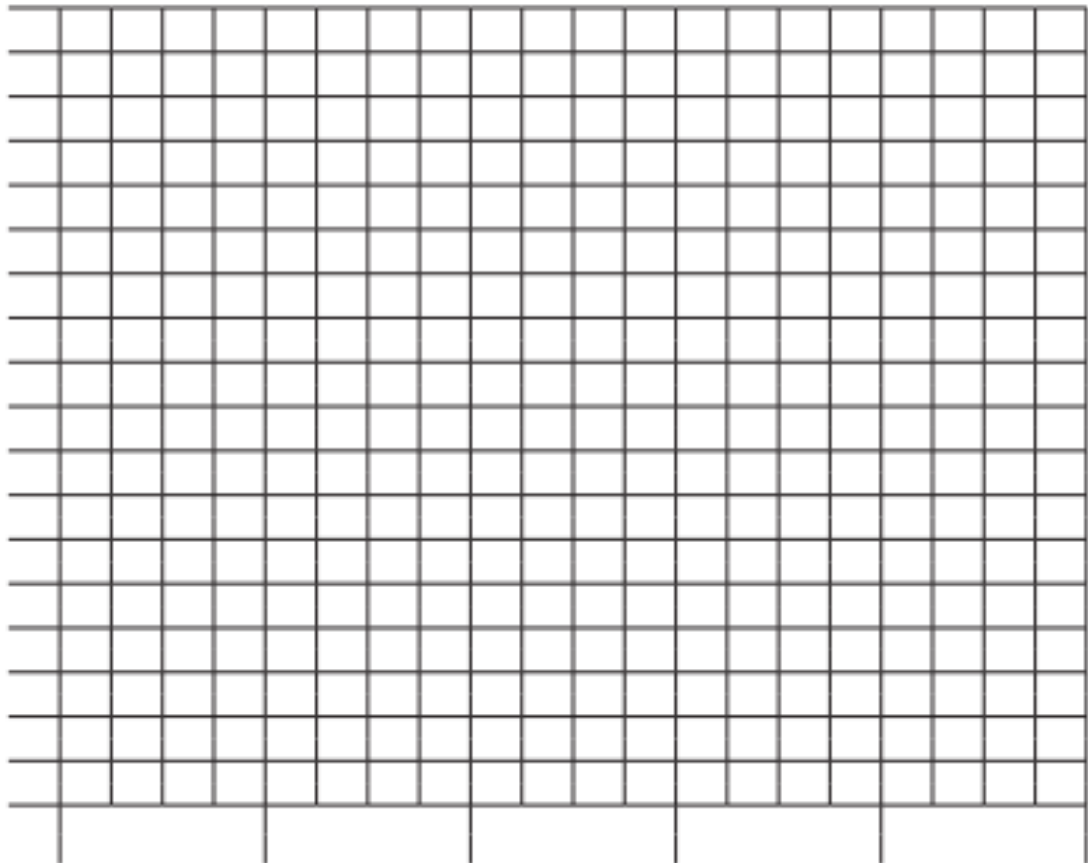


2. The favourite sport of some children is recorded. Here are the results. Complete the bar chart on the grid below from the given information.

Favourite Sport	Football	Swimming	Netball	Rugby	Hockey
Number of Children	9	10	8	5	7

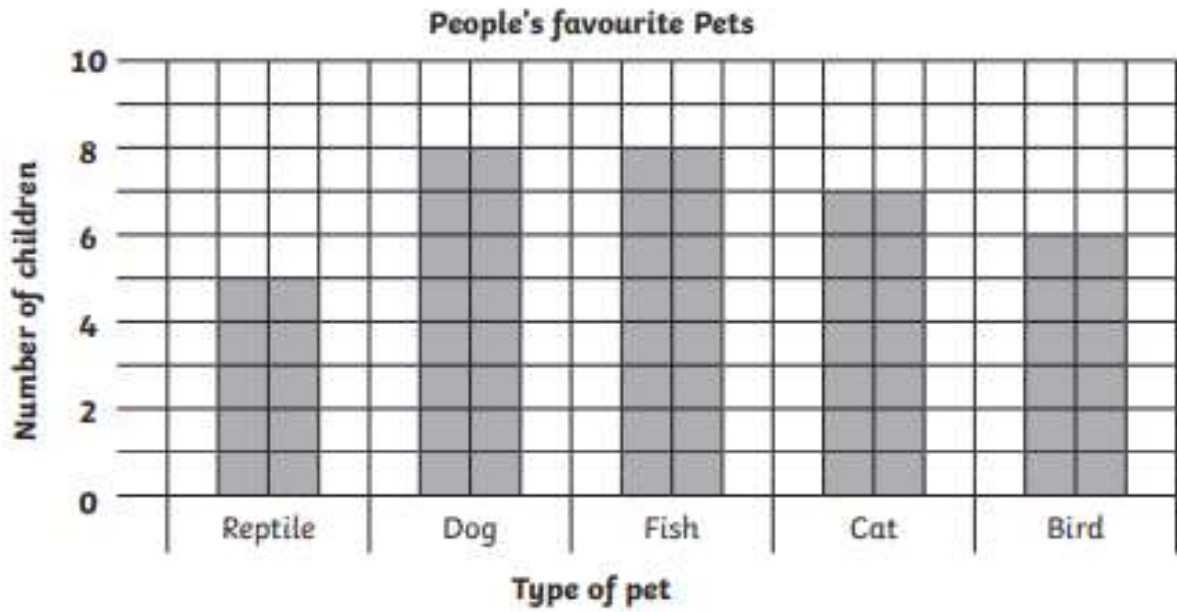


5. Conduct your own research to a question and present your results in a bar chart.

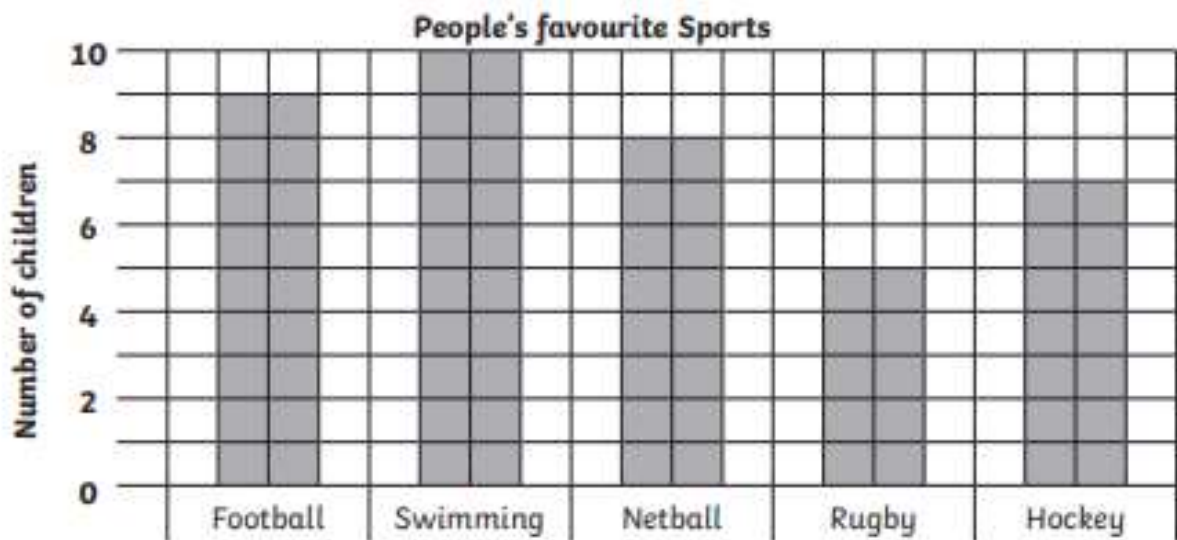


Bar Charts - Answers

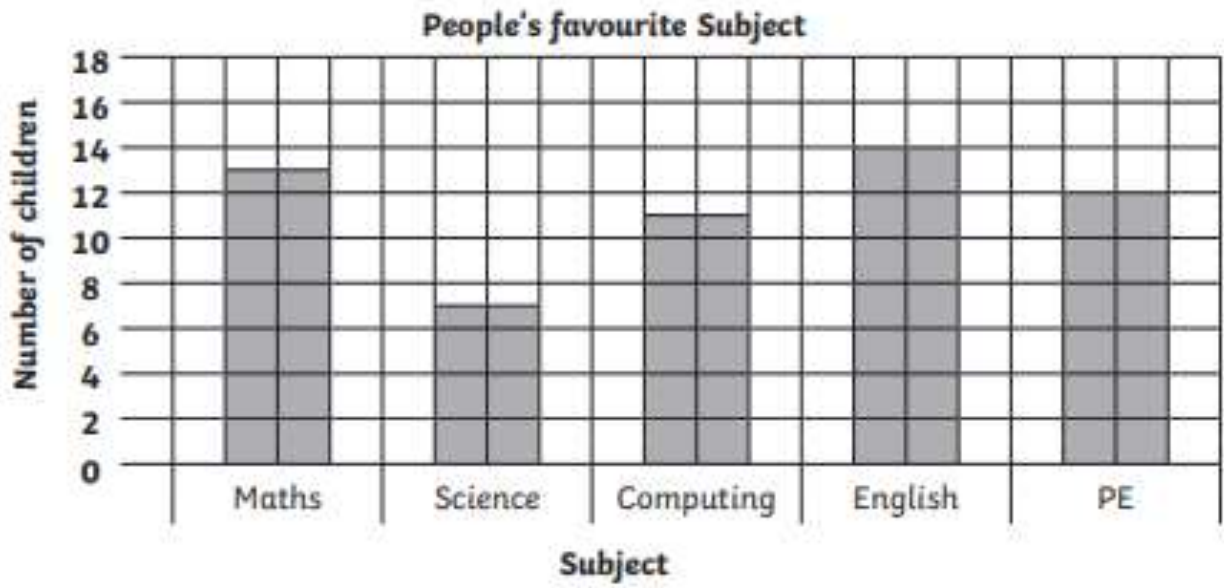
1.



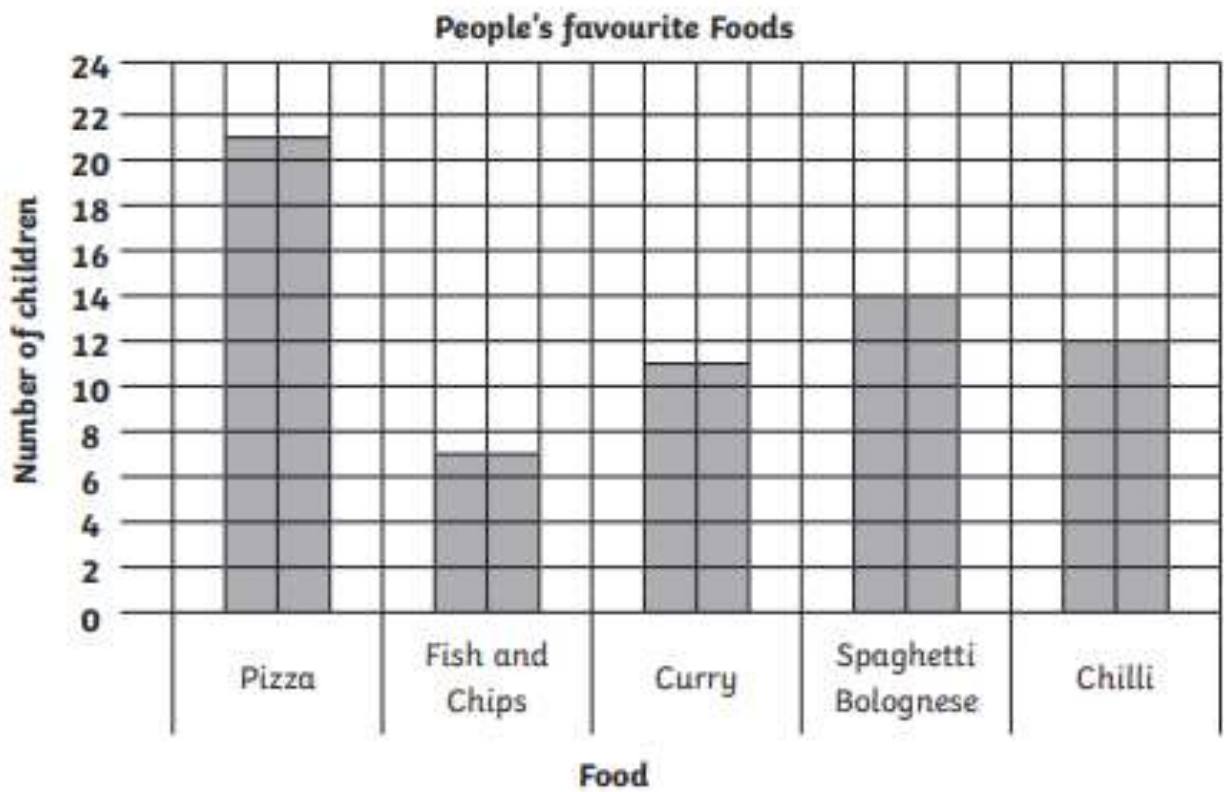
2.



3.

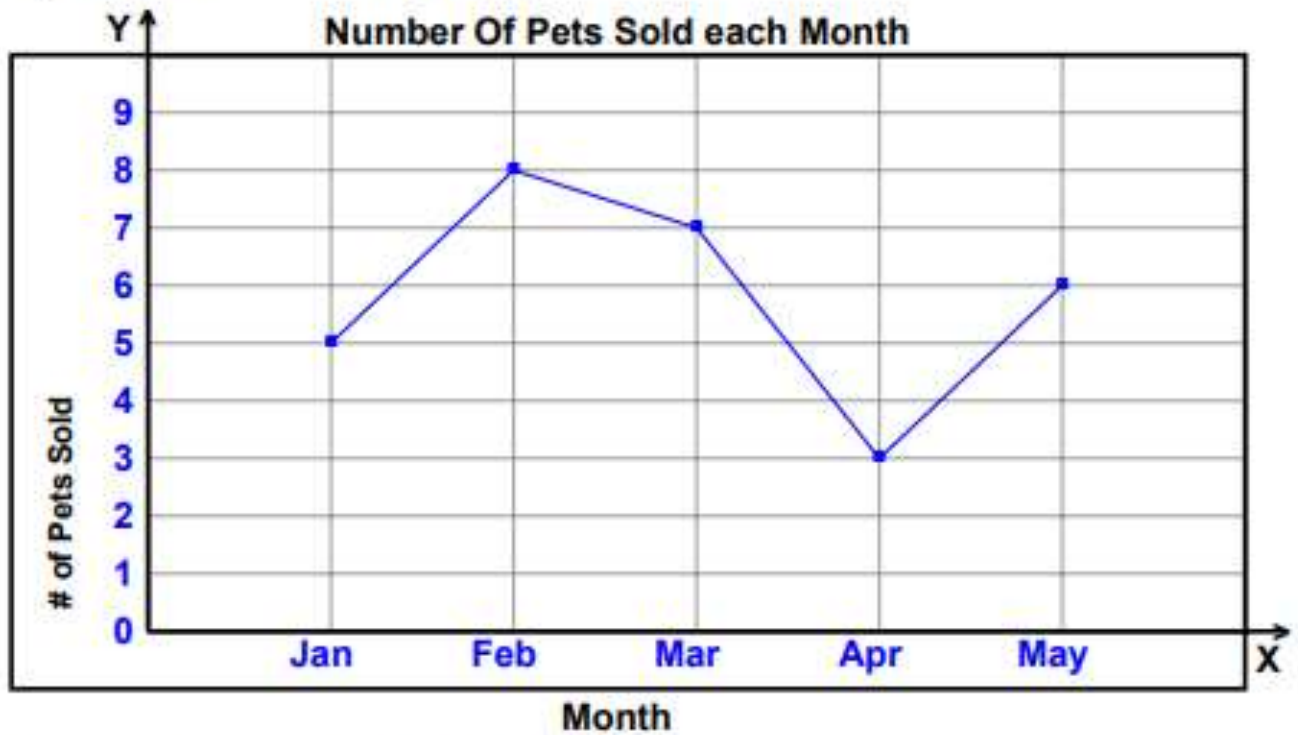


4.



5. Answers will vary.

Graph the given information as a line graph.



How many pets were sold in May?

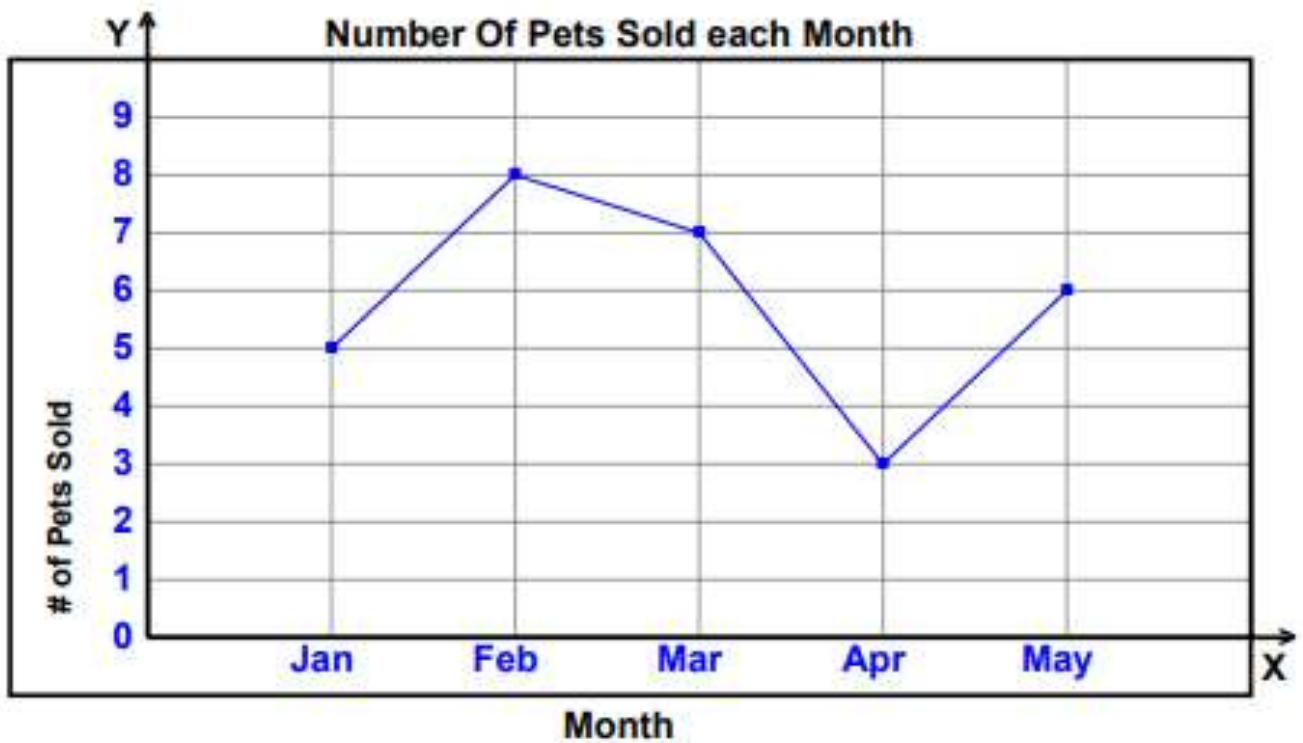
How many pets were sold in Feb?

Did the number of pets sold increase or decrease between Feb and Mar?

Were more pets sold in Apr or Mar?

Which month had the greatest number of pets sold?

Graph the given information as a line graph.



How many pets were sold in May?

6

How many pets were sold in Feb?

8

Did the number of pets sold increase or decrease between Feb and Mar?

Decrease

Were more pets sold in Apr or Mar?

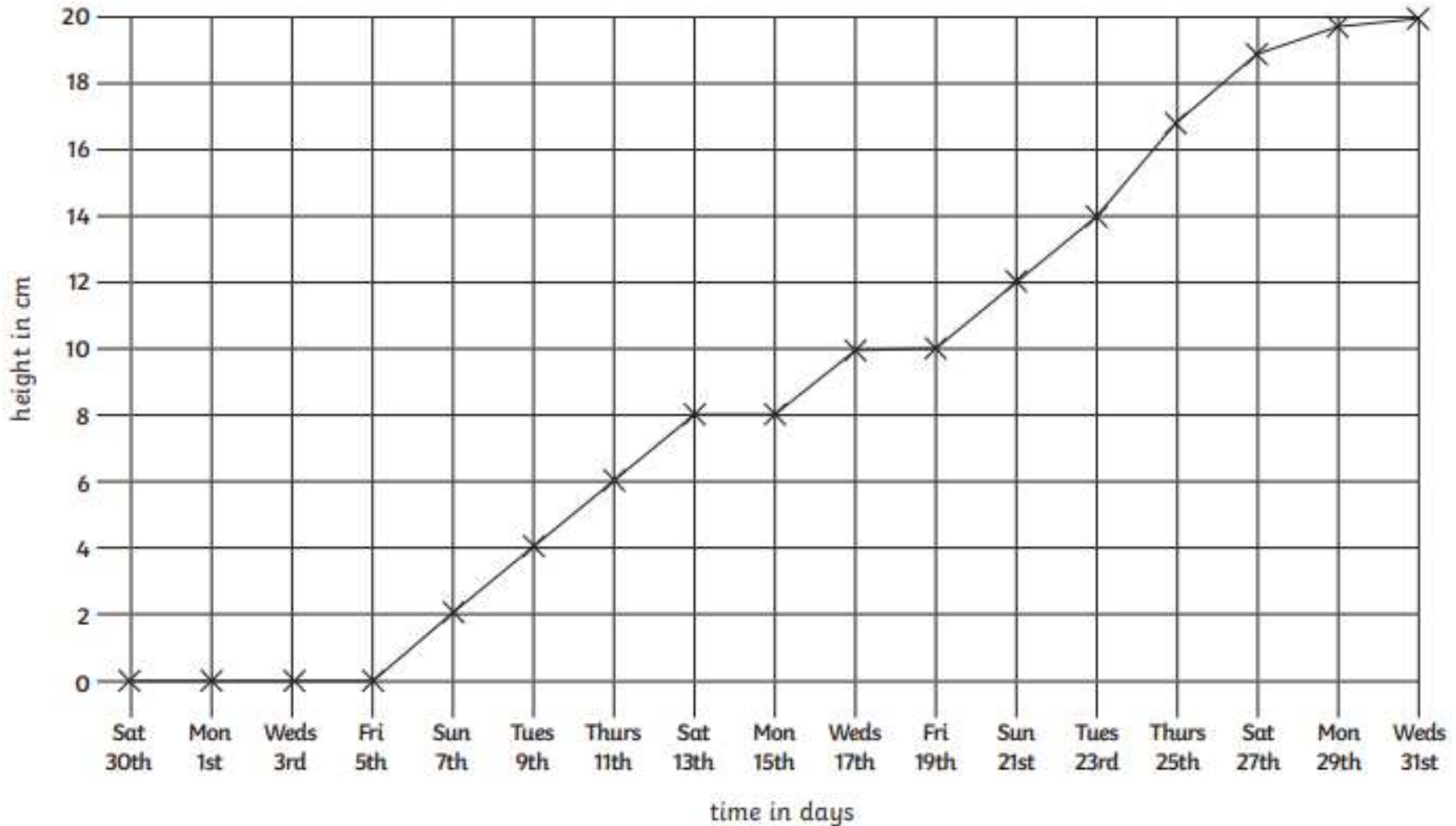
Mar

Which month had the greatest number of pets sold?

Feb

Sunflower Line Graph

Here is a line graph showing a sunflower's growth. It was planted on Saturday 30th July and its height was measured every 2 days.



Sunflower Line Graph

Questions

1. How many days did the plant take to grow 8cm?

2. What is the height difference between Wednesday 17th and Tuesday 23rd?

3. What is the height of the plant on these days:

a) Thursday 11th

b) Friday 19th

c) Monday 29th

4. Why do you think there is no measurement in the first week?

Sunflower Line Graph

Answer Sheet

1. How many days did the plant take to grow 8cm?
14 days.
2. What is the height difference between Wednesday 17th and Tuesday 23rd?
4cm.
3. What is the height of the plant on these days:
Thursday 11th **6cm**
Friday 19th **10cm**
Monday 29th **19.5cm**
4. Why do you think there is no measurement in the first week?
The plant has not grown in the first week.

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