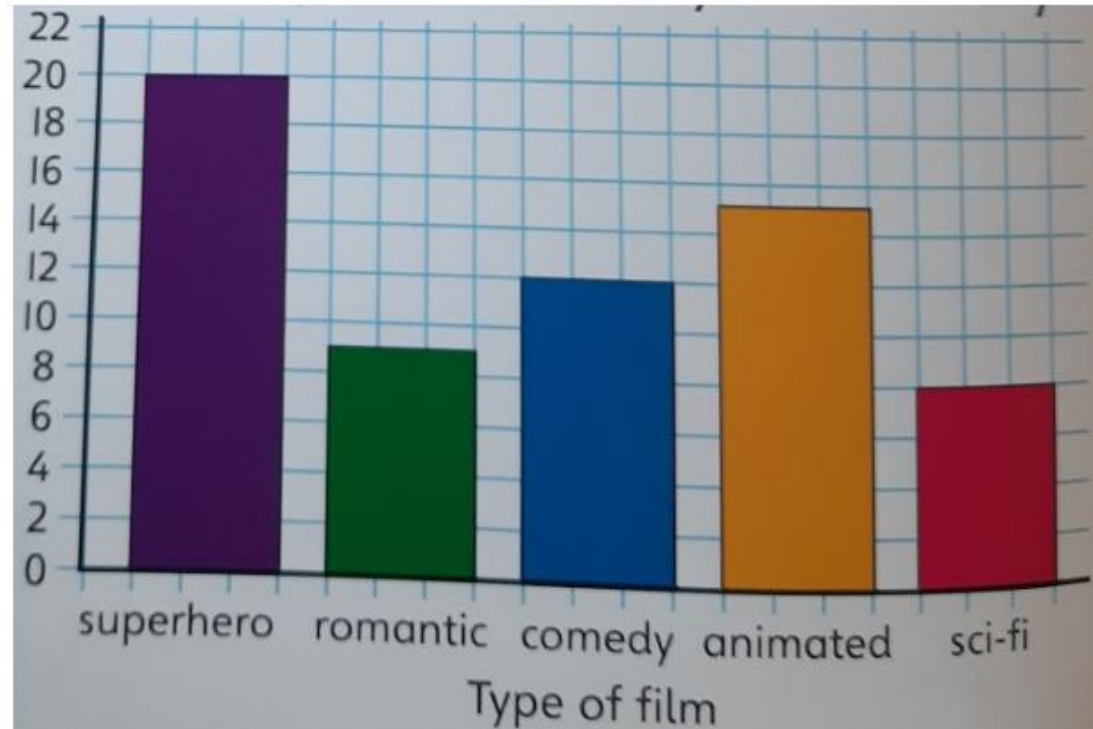


RECALL – BAR CHART (VERTICAL AXIS SCALE = 2)

1. Write the totals above each bar.
2. What was the most popular film type?
3. What was the least popular film type?
4. How many people liked comedy or sci-fi films?
5. What is the difference between romantic and comedy films?
6. What is the difference between comedy and superhero films?
7. Three more people choose sci-fi films. Draw this onto the bar chart.

A bar chart to show the favourite types of films



3 BEFORE ME

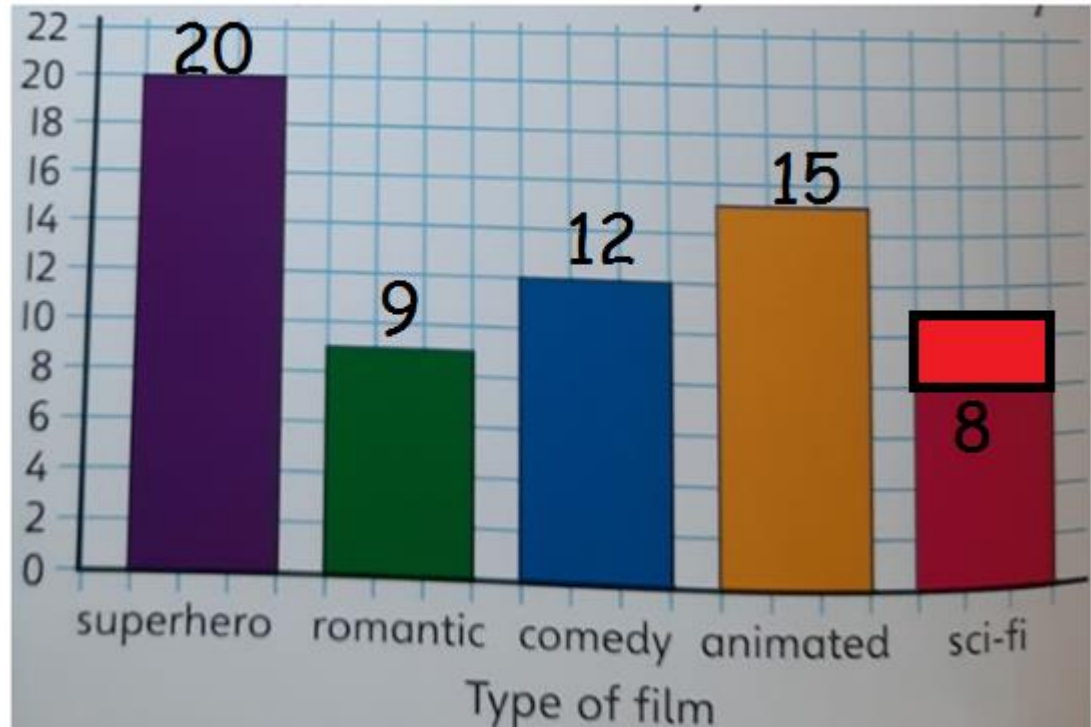
Each block on the bar chart represents 2.



RECALL – BAR CHART (VERTICAL AXIS SCALE = 2)

1. Write the totals above each bar.
2. What was the most popular film type? **superhero**
3. What was the least popular film type? **Sci-fi**
4. How many people liked comedy or sci-fi films? $12 + 8 = 20$
5. What is the difference between romantic and comedy films?
 $9 - 12 = 3$ more
6. What is the difference between comedy and superhero films?
 $12 - 20 = 8$ more
7. Three more people choose sci-fi films. Draw this onto the bar chart.

A bar chart to show the favourite types of films



3 BEFORE ME

Each block on the bar chart represents 2.



LO: I CAN INTERPRET DATA ON A BAR CHART (SCALE OF 10)

Page

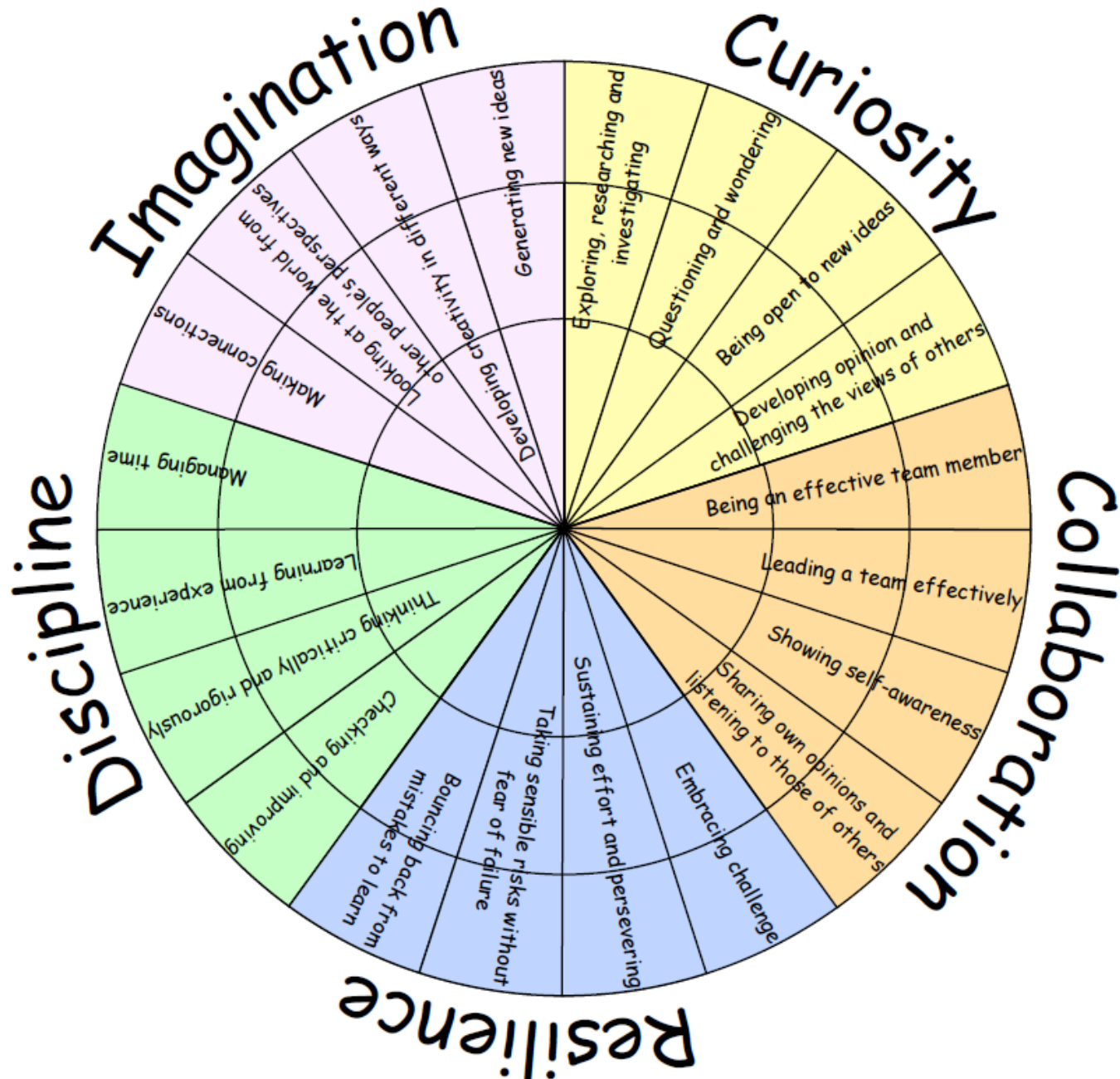
Some will even interpret data by finding the difference.

Some will interpret the data simply (most, least, total).

Most will give values and interpret data on a bar chart (vertical axis has scale of 10).

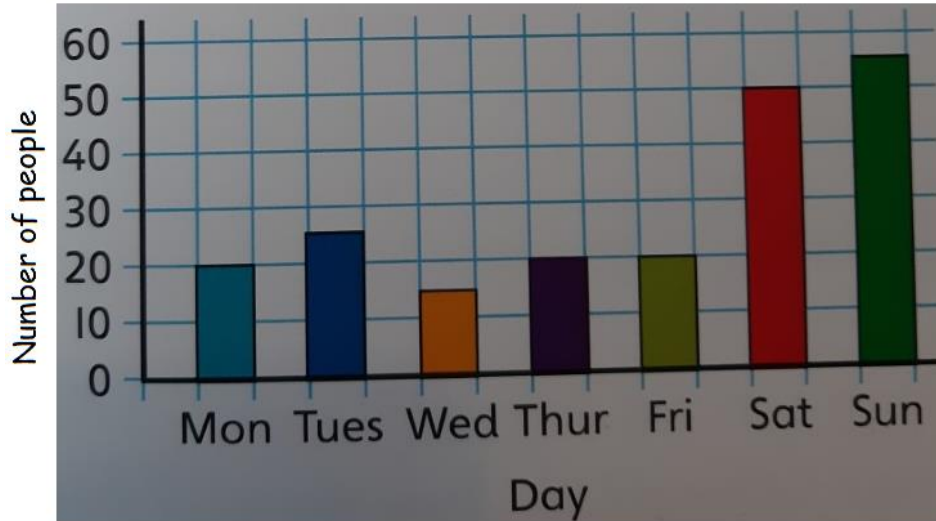
All will give values and interpret data on a bar chart (vertical axis has scale of 1 or 2).

LEARNING HABITS?



GUIDED EXAMPLE

A bar chart to show favourite day to visit the cinema.



The line that goes **UP** is the vertical axis.

The scale (numbers) on the vertical axis will help you find the value of each bar.

Questions

1. Write the total above each day.
2. Which day was the favourite day?
3. Which day was the least-favourite day?
4. Which three days were liked equally?
5. What is the difference between Monday and Tuesday?
6. What is the difference between Friday and Saturday?
7. What is the difference between Wednesday and Tuesday?
8. Five more children vote for Thursday. Add this onto the bar chart.

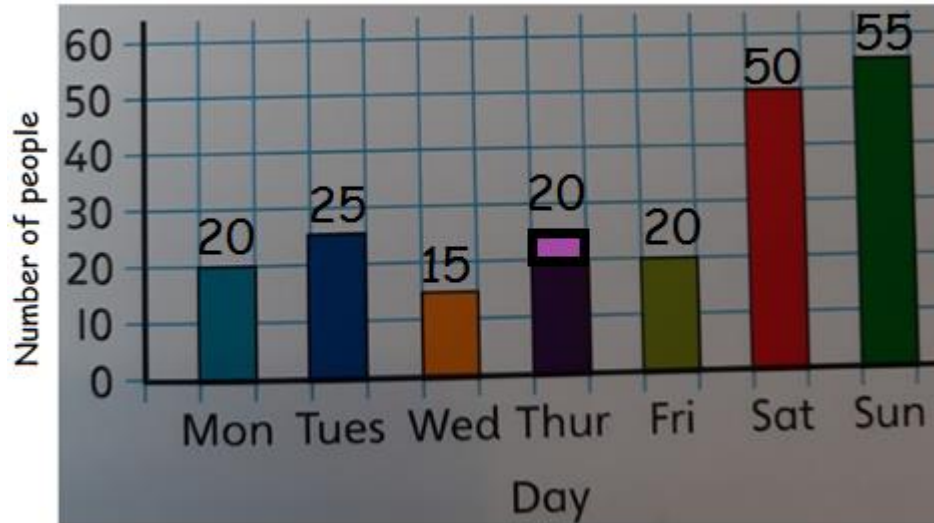
3 BEFORE ME

The scale on the vertical axis goes up by 10.
Each half means 5.



GUIDED EXAMPLE

A bar chart to show favourite day to visit the cinema.



The line that goes UP is the vertical axis.

The scale (numbers) on the vertical axis will help you find the value of each bar.

Questions

1. Write the total above each day.
 2. Which day was the favourite day?
Sunday
 3. Which day was the least-favourite day?
Wednesday
 4. Which three days were liked equally?
Monday, Thursday and Friday
1. What is the difference between Monday and Tuesday? **5**
 2. What is the difference between Friday and Saturday? **30**
 3. What is the difference between Wednesday and Tuesday? **10**
 4. Five more children vote for Thursday. Add this onto the bar chart.

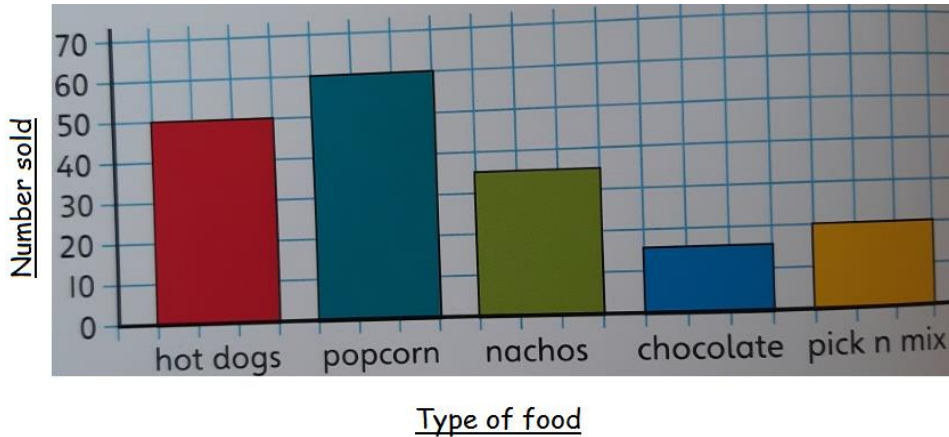
3 BEFORE ME

The scale on the vertical axis goes up by 10.
Each half means 5.



INTELLIGENT PRACTICE

Number of food portions sold at the cinema



1. How many hot dog and pick n mix portions were sold altogether?



2. How many nacho and popcorn portions were sold altogether?

3. Which two foods sold greater than 40 portions?

4. Which two foods sold fewer than 25 portions?

1. Write the total above each food choice.
2. How many pick n mix portions were sold?
3. How many hot dog portions were sold?
4. How many nacho portions were sold?
5. Which is the most popular food option?
6. Which is the least popular food option?



1. What is the difference between hot dogs and popcorn?



2. What is the difference between chocolate and pick n mix?

3. What is the difference between chocolate and nachos?

3 BEFORE ME

The scale on the vertical axis goes up by 10.
Half means 5.

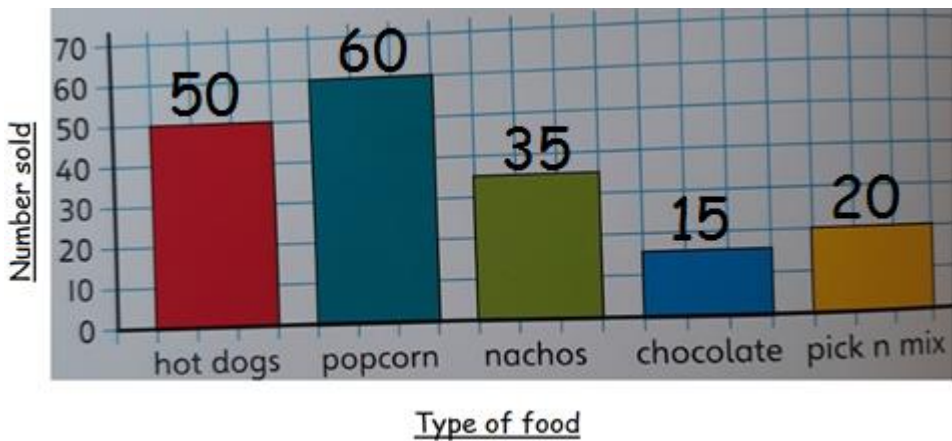



What other information can you tell me?



INTELLIGENT PRACTICE

Number of food portions sold at the cinema





1. How many hot dog and pick n mix portions were sold altogether? $50 + 20 = 70$ 

2. How many nacho and popcorn portions were sold altogether? $35 + 60 = 95$

3. Which two foods sold greater than 40 portions? **Hot dogs and popcorn**

1. Which two foods sold fewer than 25 portions? **Chocolate and pick n mix.**

1. Write the total above each food choice. 
2. How many pick n mix portions were sold? **20**
3. How many hot dog portions were sold? **50**
4. How many nacho portions were sold? **35**
5. Which is the most popular food option? **popcorn**
6. Which is the least popular food option? **chocolate**

1. What is the difference between hot dogs and popcorn? $50 - 60 = 10$ 

2. What is the difference between chocolate and pick n mix? $15 - 20 = 5$

3. What is the difference between chocolate and nachos? $15 - 35 = 20$

3 BEFORE ME

The scale on the vertical axis goes up by 10.
Half means 5.



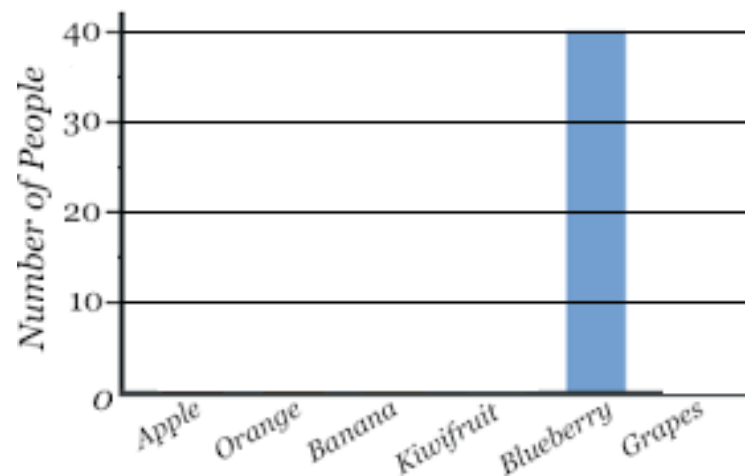
What other information can you tell me?



DIVE DEEPER

1

A bar chart to show favourite fruit.



Complete the bar chart to show how many people liked each fruit.

apple	orange	banana	Kiwi fruit	blueberry	grapes
10	5	30	15	40	25

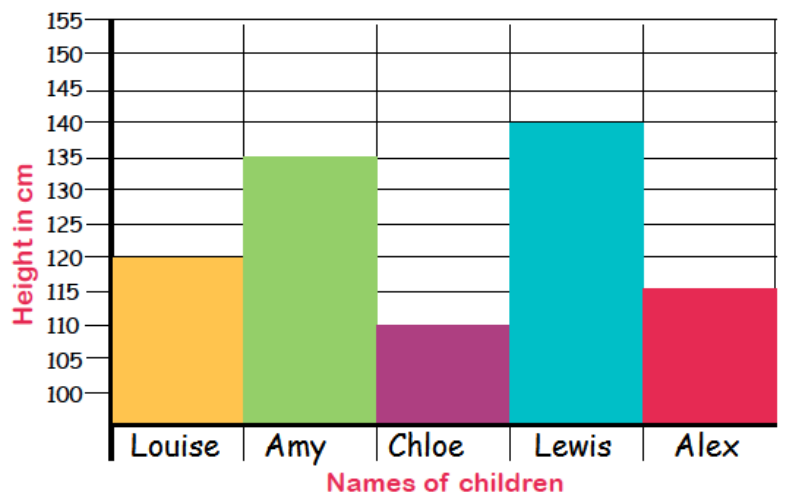
What is the most favourite?

What is the least favourite?

The difference between _____ and _____ is _____.
 The difference between _____ and _____ is _____.
 The difference between _____ and _____ is _____.

2

A bar chart to show the heights of children.



The scale on the vertical axis goes up by ____.

_____ is the tallest, who is _____ cm tall.

_____ is the shortest, who is _____ cm tall.

Amy is _____ cm taller than Louise.

Chloe is _____ cm shorter than Alex.

The difference between Amy and Lewis is _____ cm.

There are _____ children shorter than 125 cm.

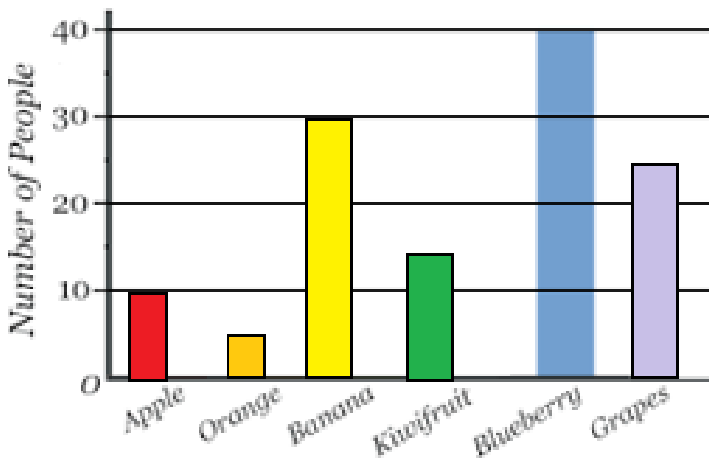
What facts can you tell me from this bar chart?



DIVE DEEPER

1

A bar chart to show favourite fruit.



Complete the bar chart to show how many people liked each fruit.

apple	orange	banana	Kiwi fruit	blueberry	grapes
10	5	30	15	40	25

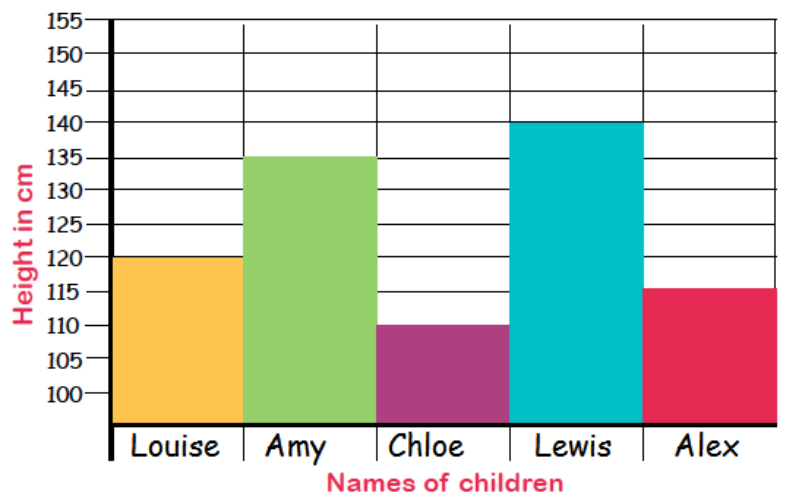
What is the most favourite? blueberry

What is the least favourite? orange

The difference between _____ and _____ is _____.
 The difference between _____ and _____ is _____.
 The difference between _____ and _____ is _____.

2

A bar chart to show the heights of children.



The scale on the vertical axis goes up by 5.

Lewis is the tallest, who is 140 cm tall.

Chloe is the shortest, who is 110 cm tall.

Amy is 15 cm taller than Louise.

Chloe is 25 cm shorter than Alex.

The difference between Amy and Lewis is 5 cm.

There are 3 children shorter than 125 cm.

What facts can you tell me from this bar chart?



DIVE DEEPER 2

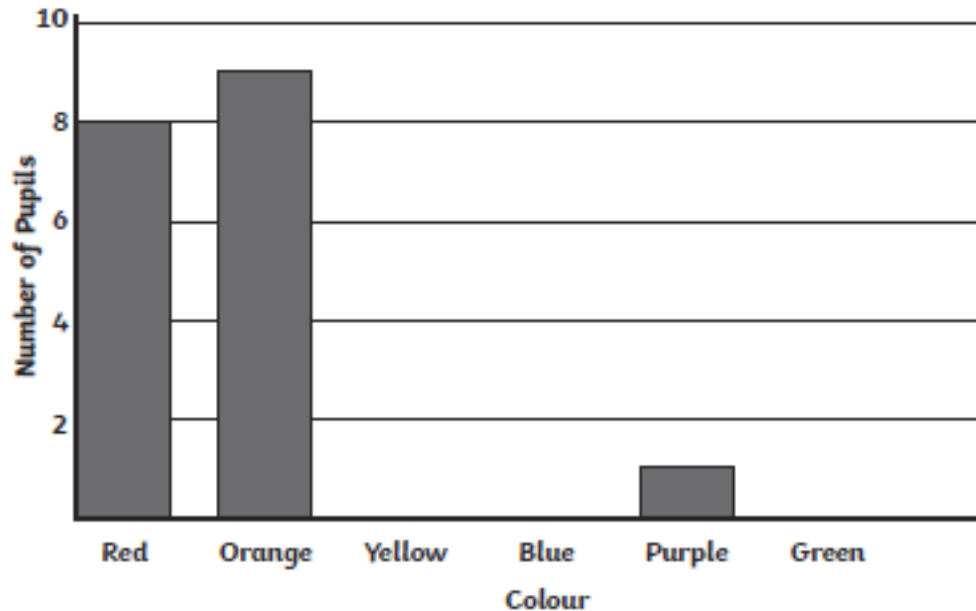
Here is a tally chart to show the favourite colour of a group of children.

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

Complete the tally chart and the bar chart.

Then write five facts that you know.

Complete the tally chart and bar charts.



What facts can you tell me from these charts?

