Weekly Home Learning Timetable

Year 4-WB 13.07.20

Monday

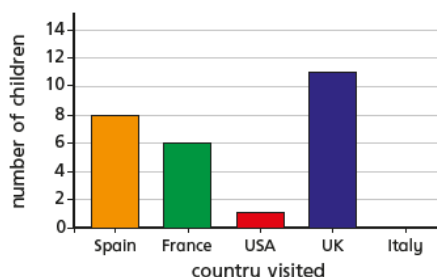| English	Maths	Topic
Focus – To extract key information from a text.	**Focus- To be able to interpret charts**	**Focus-To understand how to stay safe living near a volcano**
https://www.garlingeprimary.co.uk/website-content/wouldyoueatlessthanperfect-1585747934.pdf	https://whiterosemaths.com/homelearning/year-4/	Today you will be focusing on volcano safety and how people may prepare for the event of a volcanic eruption.
Follow the link above to a lesson where you will be able to read the text, **'Would you eat less than perfect fruit?'**	Follow the link above and watch the video for week 10 lesson 1. This will take you to a lesson where you will be reminded of the different types of charts including bar charts, pictograms and tables. Scroll down to complete the activity found in the resources section below. You can record the answers to the questions in your book.	Look at the Powerpoint saved in Year 4 resources called Volcano Emergency. Go through the information and discuss 'top tips' and advice for how to stay safe before, during and after a volcanic eruption.
Read through the text, whilst identifying and discussing any unfamiliar words - you may find it useful to highlight these words.		
Then, answer the text related questions by retrieving the relevant information. Think carefully about your answer. Is it a one or two mark question? What is needed to gain the two marks?	The bar chart shows the number of children who went on holiday to some different countries. number of children / country visited: Spain, France, USA, UK, Italy	**Task** Use the rucksack template in the resources below to draw and label the items you would pack in case of a volcanic eruption.
You can record your answers in your workbook. The answers are located in the year 4 resources section on the Garlinge website.		**Extension** Write 5 top tips to advise people about how to stay safe in a volcanic eruption. **You may wish to present this as a safety poster.**

Tuesday

| English	Maths	French
Focus-To revise coordinating and subordinate conjunctions.	**Focus- To be able to compare the sum and difference.**	**Focus- To learn the names of some familiar pets in French.**
https://www.bbc.co.uk/bitesize/articles/zrn796f	https://whiterosemaths.com/homelearning/year-4/	
Follow the above link where you will be able to revise coordinating and subordinate conjunctions through watching two videos and four activities.	Follow the link above and watch the video for week 10 lesson 2. This will show you how to compare data using the sum and difference for information. Scroll down to complete the activity found in the resources section below. You can record the answers to the questions in your book.	
Conjunctions are used to add additional information to sentences.		Do you have a pet? Watch the video in the link below to see and hear the names of some familiar pets in French:

You have learnt about coordinating and subordinating conjunctions in previous lessons. In today's lesson you will be revising how to use them both.

Complete the four activities in your work book.

The bar chart shows the number of visitors to a museum in a week.
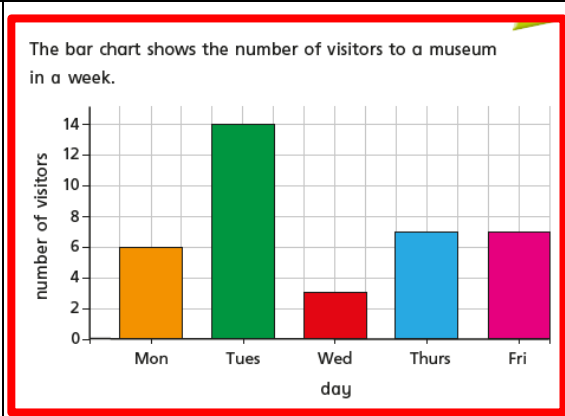
Now draw pictures of your favourite pets and label them in French. Practise saying the names of these pets- you can always look at the video clip again to help you remember how to say them correctly.

Wednesday

English
Focus - To know when and how to use bullet points.

Follow the above link where you will be able to work through two videos and four activities demonstrating when and how to use bullet points in your writing.

Bullet points are used to organise and structure writing. They make long or complicated pieces of text easier to read and understand.

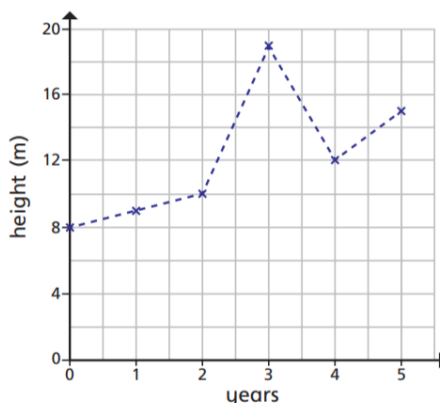Complete the four activities in your work book.

Maths
Focus- To be able to interpret line graphs

Follow the link above and watch the video for week 10 lesson 3. This will take you to a lesson where you will be shown how to interpret line graphs. Scroll down to complete the activity found in the resources section below. You can record the answers to the questions in your book.

The line graph shows the distance a cyclist travels on a bike ride.
a) Fill in the missing labels.
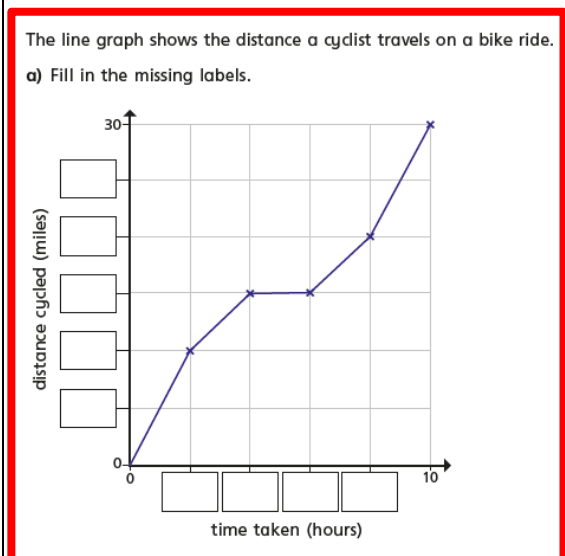
Science
Focus- To research a famous scientist.

Who is your favourite scientist? Have you ever thought about that question? Probably not! Choose a famous scientist-

Your task is to create a mini-project about that scientist. Your research can be presented in any way you like, so be creative!

Thursday		
English **Focus – To use paragraphs when writing a letter.** https://www.bbc.co.uk/bitesize/articles/z2gq4xs Follow the link above to work through the videos and activities to be able to write a letter to your teacher using questions and paragraphs correctly. The lesson will include one video about using paragraphs, one video to remind you how to write a question and then three activities. In today's lesson, you will only be working through to the planning, tomorrow you will be completing the actual writing. Think about the questions you would like to ask your teacher ready for next year and what you would like to tell them about yourself. Complete your planning in your work book.	**Maths** **Focus- To be able to interpret line graphs** https://whiterosemaths.com/homelearning/year-4/ Follow the link above and watch the video for week 10 lesson 4. This will take you to a lesson where you will be shown how to continue to interpret line graphs. Scroll down to complete the activity found in the resources section below. You can record the answers to the questions in your book. The line graph shows the growth of a tree.	**PSHCE** **Focus-To prepare for Transition Day** By now, you will know who your new teacher is and where your new classroom is. You have also been invited to attend a Transition Day in school. This will be a really good opportunity to get to know your new class teacher and TAs and become more familiar with the routines and expectations for school in September. As an activity today, write a list of what you are looking forward to most about coming back to school. **We all wish you all the best for a fabulous Transition day with your new teachers.**

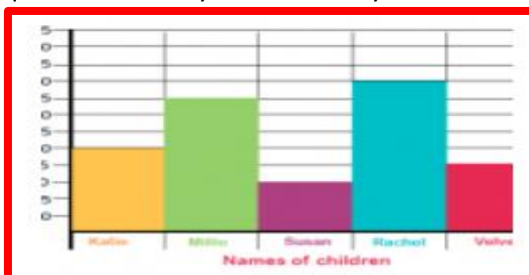| Friday		
English **Focus – To use paragraphs when writing a letter.** https://www.bbc.co.uk/bitesize/articles/z2gq4xs This lesson is continued from yesterday. Continue following the link above to recap the videos and activities you worked through yesterday. In today's lesson, you will be writing your actual letter to your new teacher. Focus on the key questions you would like to ask your teacher ready for next year and what you would like to tell them about yourself. Write your letter in your work book. Why not send your letter to your	**Maths** **Focus- To be able to represent data.** Create and represent your own data! Measure some items in your house and present the data in a bar chart. What data can you find out from the bar chart? What questions could you ask about your data? Take a survey about a subject of your choice (e.g. what is your favourite chocolate bar?) with your siblings or adults at home and present the data in a bar chart. What data can you find out from the bar chart? What questions could you ask about your data? Names of children Why not email your teacher a picture of your finished graphs?	**Art** **Focus – To enjoy an art lesson of my choice** https://www.tate.org.uk/kids/make Explore the website above and choose an art lesson/activity that interests you/inspires you. There are lots to choose from so have fun and get creative!

new teacher though the school's home learning emails.		

Other activities for the week

Reading

Continue to read daily if you can and share and discuss good reads with your family.

Look in the Year 4 resources section of the website for lots of different reading comprehension exercises you can have a go at.

https://www.garlingeprimary.co.uk/home-school-learning

Try these links to support reading activities:
 https://www.thereadingjourney.co.uk/
 It's free and has a built in reading diary.

The Children's Poetry archive
https://childrens.poetryarchive.org/
it's free!

Bookfinder: https://www.booktrust.org.uk/books-and-reading/bookfinder/

Times Tables

Continue to use Times Table Rockstars to practise your times tables. Email your class teacher if you have any issues with the programme and they will be able to help you.

Lava lamp- Use density to create a lava lamp at home. Follow the link for more instructions
http://www.sciencefun.org/kidszone/experiments/lava-lamp/

Get active- Go on a long walk or cycle ride with your family. Take some photos of your journey.

Beach Safety

Talk to an adult about the 'top tips' for staying safe at the beach this summer. Create a Beach Safety poster with all of your ideas.

 Online museum

Explore the galleries of the Natural History Museum at home!
https://www.nhm.ac.uk/visit/virtual-museum.html

Year 3 and 4 Statutory Spellings

accident	caught	eighth	heard	minute	possible	strange
accidentally	centre	enough	heart	natural	potatoes	strength
actual	century	exercise	height	naughty	pressure	suppose
actually	certain	experience	history	notice	probably	surprise
address	circle	experiment	imagine	occasion	promise	therefore
answer	complete	extreme	increase	occasionally	purpose	though
appear	consider	famous	important	often	quarter	although
arrive	continue	favourite	interest	opposite	question	thought
believe	decide	February	island	ordinary	recent	through
bicycle	describe	forward	knowledge	particular	regular	various
breath	different	forwards	learn	peculiar	reign	weight
breathe	difficult	fruit	length	perhaps	remember	woman
build	disappear	grammar	library	popular	sentence	women
busy	early	group	material	position	separate	
business	earth	guard	medicine	possess	special	
calendar	eight	guide	mention	possession	straight	

Interpret charts

I The pictogram shows the number of ice creams sold in a shop.

Ice cream flavour	Number of ice creams sold
vanilla	🍦 🍦 🍦 🍦
chocolate	🍦 🍦 🍦 🍦 🍦 🍦
strawberry	🍦 🍦
mint choc	

Key 🍦 = 2 ice creams

a) How many vanilla ice creams were sold?

b)

The shop sold 6 chocolate ice creams.

What mistake has Annie made?

_____

_____

c) How many chocolate ice creams were sold?

d) How many strawberry ice creams were sold?

e) Seven mint choc ice creams were sold.
   Complete the pictogram to show this.

2) The bar chart shows the number of children who went on holiday to some different countries.
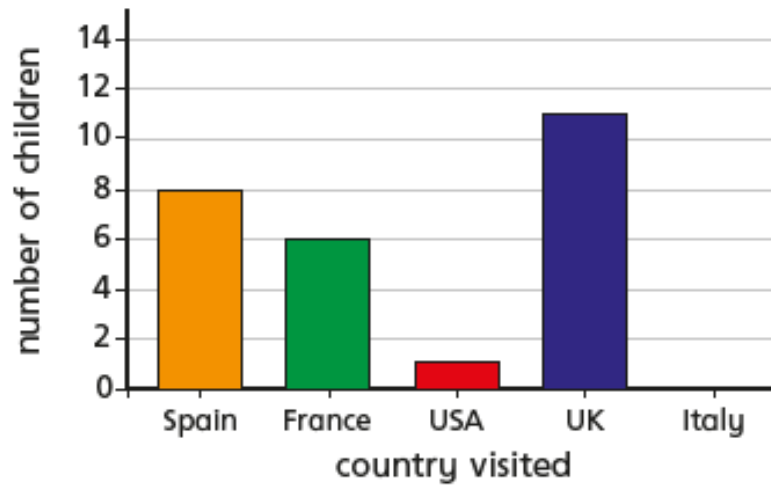
a) Complete the table using the information in the bar chart.

Country	Number of children visiting
Spain	
France	
USA	
UK	
Italy	

b) Complete the pictogram using the information in the bar chart.

Country	Number of children visiting
Spain	
France	
USA	
UK	
Italy	

Key ⬤ = 4 children

3
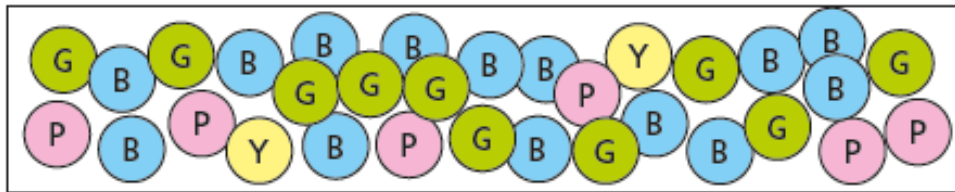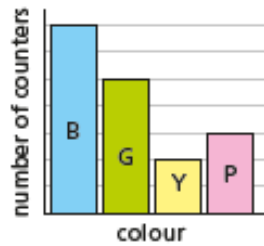
Chart A   Chart B   Chart C
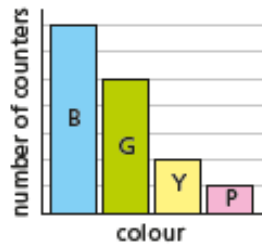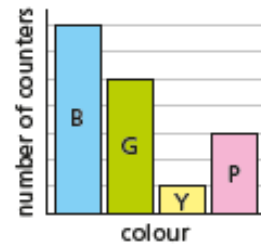
Which chart best represents the picture? _____

Talk to a partner about the reasons for your choice.

4 Use the clues to label the bar chart.

- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- More people support Halifax Town than support any other team.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.

(Bradford City)   (Huddersfield Town)   (Halifax Town)

(Leeds United)   (Manchester United)

football team
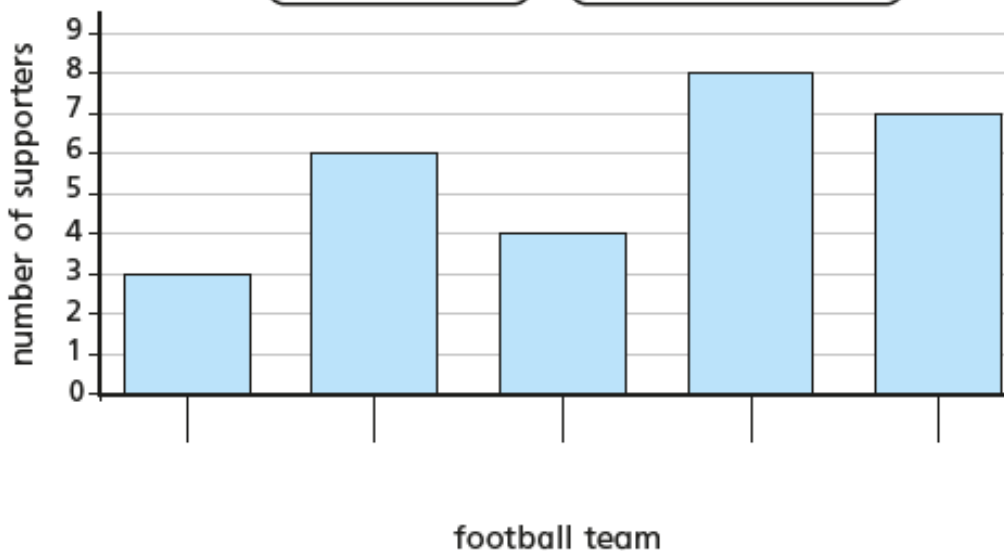
5 Four classes of children were asked what their favourite animals are. Match the tables to the charts.

Class A	
dog	8
cat	2
rabbit	7
snake	12

Class B	
dog	4
cat	1
rabbit	3
snake	4

Key ▪ = 4 children

Class C	
dog	4
cat	1
rabbit	6
snake	8
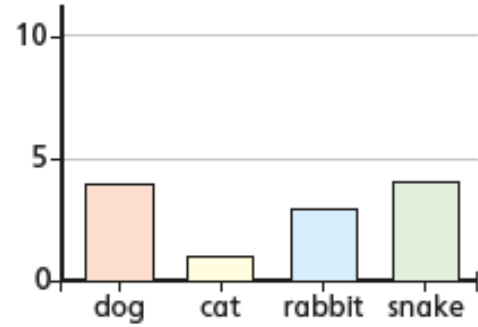
Class D	
dog	8
cat	2
rabbit	7
snake	3

Key ▪ = 4 children

1 The pictogram shows the number of ice creams sold in a shop.

Ice cream flavour	Number of ice creams sold
vanilla	🍦 🍦 🍦 🍦
chocolate	🍦 🍦 🍦 🍦 🍦 🍦
strawberry	🍦 🍦
mint choc	🍦 🍦 🍦 🍦

Key 🍦 = 2 ice creams

a) How many vanilla ice creams were sold? **8**

b)

The shop sold 6 chocolate ice creams.

What mistake has Annie made?

She has counted the number of pictures of ice creams on the pictogram.

c) How many chocolate ice creams were sold? **12**

d) How many strawberry ice creams were sold? **3**

e) Seven mint choc ice creams were sold.
Complete the pictogram to show this.

2 The bar chart shows the number of children who went on holiday to some different countries.
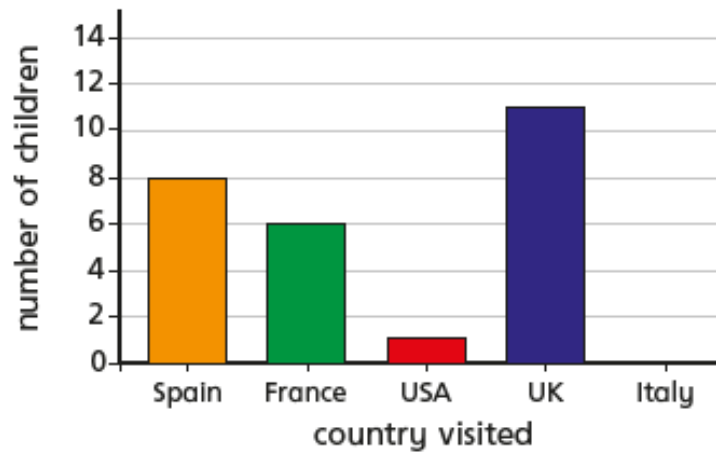
a) Complete the table using the information in the bar chart.

Country	Number of of children visiting
Spain	8
France	6
USA	1
UK	11
Italy	0

b) Complete the pictogram using the information in the bar chart.

Country	Number of of children visiting
Spain	◯ ◯
France	◯ ◖
USA	◖
UK	◯ ◯ ◕
Italy	

Key ⬤ = 4 children

3
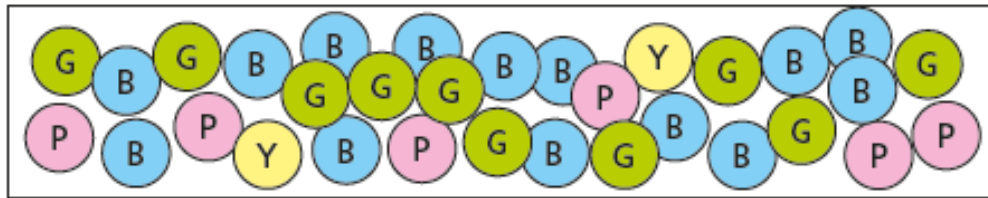
Chart A	Chart B	Chart C
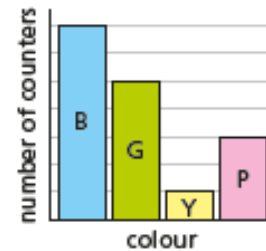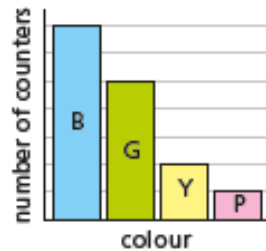
Which chart best represents the picture? _chart C_

Talk to a partner about the reasons for your choice.

4 Use the clues to label the bar chart.

- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- Most people support Halifax Town.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.

Bradford City Huddersfield Town Halifax Town

Leeds United Manchester United

5 Four classes of children were asked what their favourite animals are. Match the tables to the charts.

Class A	
dog	8
cat	2
rabbit	7
snake	12

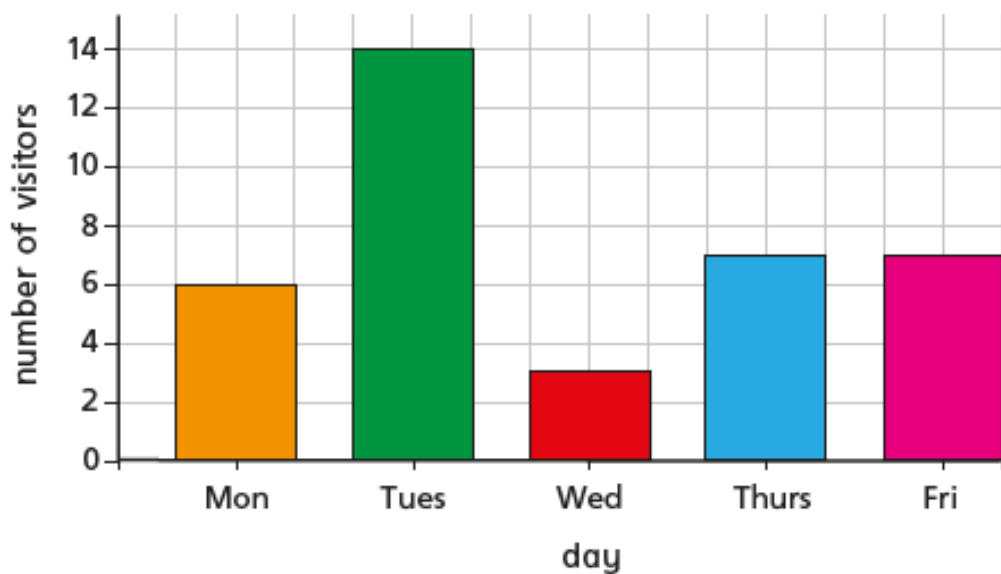| Class B	
dog	4
cat	1
rabbit	3
snake	4

dog	
cat	
rabbit	
snake	

Key ▮ = 4 children

Class C	
dog	4
cat	1
rabbit	6
snake	8

Class D	
dog	8
cat	2
rabbit	7
snake	3

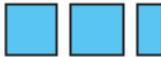| dog	
cat	
rabbit	
snake	

Key ▮ = 4 children

Comparison, sum and difference
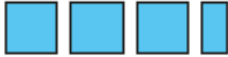
I The bar chart shows the number of visitors to a museum in a week.

a) How many more visitors went to the museum on Tuesday than on Wednesday?

b) What is the difference between the number of visitors on Monday and the number of visitors on Friday?

c) What was the total number of visitors for the whole week?

d) If there were 3 times as many visitors on Saturday as there were on Thursday, how many people visited on Saturday?

2 The pictogram shows the points scored in a game by five teams.

Team	Points
Red	
Blue	
Green	
Yellow	
Pink	

Key $\square$ = 4 points

a) Write <, > or = to compare the points scored by the teams.

Red $\bigcirc$ Blue and Green

Red and Blue $\bigcirc$ Green and Yellow

Red and Green $\bigcirc$ Yellow and Blue

Blue and Green $\bigcirc$ Yellow

b) The Pink team scored half the number of points that the Green team scored.

Complete the pictogram for the Pink team.

c) Teddy is working out the difference in points between the Red and Green teams.

I can work out how many points each team scored and then subtract one from the other.

Is there another way Teddy could work out the answer?

3 Two children are asked to find out how many hours of sunshine there were altogether.

Country	Number of hours sunshine
Spain	☀ ☀ ☀ ☀ ☀ ☀
UK	☀ ☀ ☀
Italy	☀ ☀ ☀ ☀ ☀
Germany	☀ ☀ ☀
Iceland	☀

Key ☀ = 3 hours

a)

> I can find out how many hours sunshine each country has and then add up all the totals.

Use Mo's method to calculate the total hours of sunshine.

☐ hours

b)

> I can count how many sunshine symbols there are altogether and multiply that by 3

Use Rosie's method to calculate the total hours of sunshine.

☐ hours

Which method is the most efficient?
Will that always be the case?

4. The table shows the number of men and women who watched three different films.

Film	Women	Men	Total
A	364	618	
B	411		895
C	609	255	
Total		1,357	

a) Complete the table.

b) Are these statements true or false?

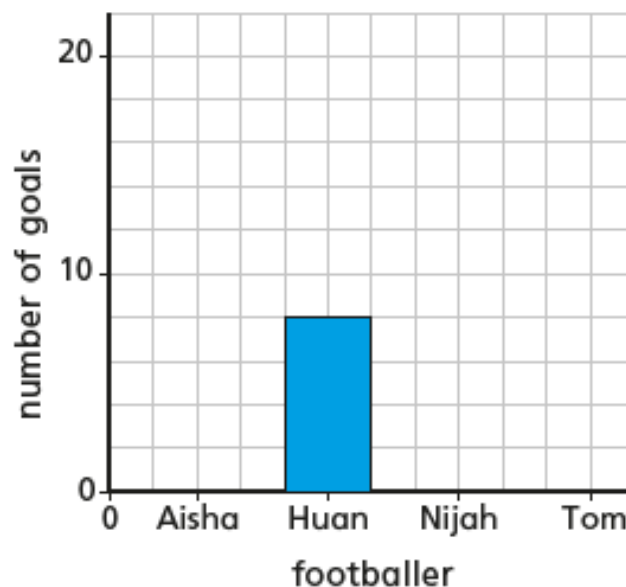More women than men watched one of the films. _____

Film B was the most popular. _____

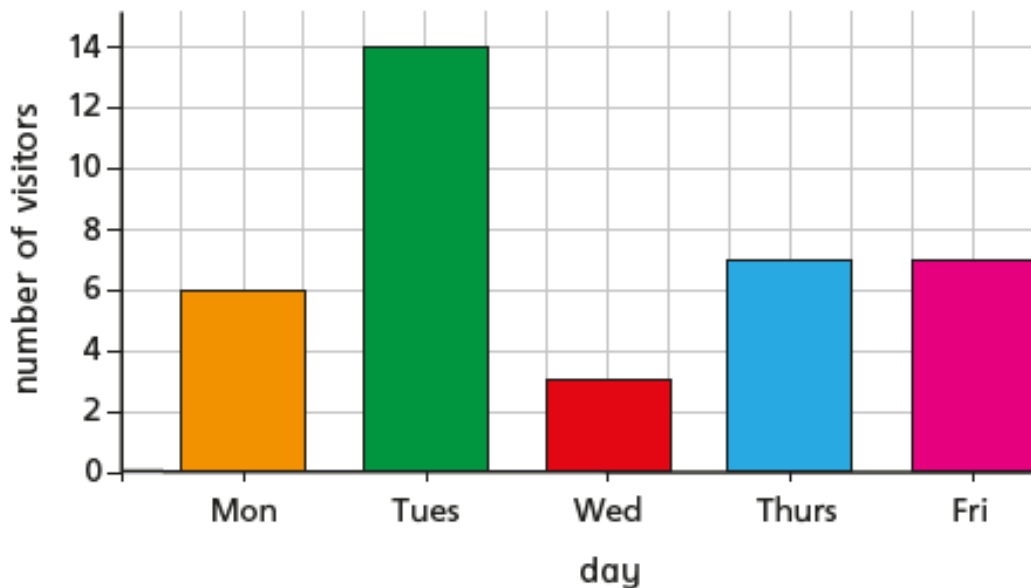5. The bar chart represents the number of goals scored by four footballers.

Use the clues to complete the bar chart.

- Tom has scored 13 fewer goals than Aisha.

- Aisha has scored twice as many goals as Huan.

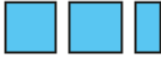- Huan and Nijah combined have scored a total of 20 goals.

Comparison, sum and difference

1) The bar chart shows the number of visitors to a museum in a week.

a) How many more visitors went to the museum on Tuesday than on Wednesday?

11

b) What is the difference between the number of visitors on Monday and the number of visitors on Friday?

1

c) What was the total number of visitors for the whole week?

37

d) If there were 3 times as many visitors on Saturday as there were on Thursday, how many people visited on Saturday?

21

2 The pictogram shows the points scored in a game by five teams.

Team	Points
Red	
Blue	
Green	
Yellow	
Pink	

Key ▢ = 4 points

a) Write <, > or = to compare the points scored by the teams.

Red (<) Blue and Green

Red and Blue (<) Green and Yellow

Red and Green (=) Yellow and Blue

Blue and Green (=) Yellow

b) The Pink team scored half the number of points that the Green team scored.

Complete the pictogram for the Pink team.

c) Teddy is working out the difference in points between the Red and Green teams.

I can work out how many points each team scored and then subtract one from the other.

Is there another way Teddy could work out the answer?

3 Two children are asked to find out how many hours of sunshine there were altogether.

Country	Number of hours sunshine
Spain	☀ ☀ ☀ ☀ ☀ ☀
UK	☀ ☀ ☀
Italy	☀ ☀ ☀ ☀ ☀
Germany	☀ ☀ ☀
Iceland	☀

Key ☀ = 3 hours

a)

I can find out how many hours sunshine each country has and then add up all the totals.

Use Mo's method to calculate the total hours of sunshine.

54 hours

b)

I can count how many sunshine symbols there are altogether and multiply that by 3

Use Rosie's method to calculate the total hours of sunshine.

54 hours

Which method is the most efficient?
Will that always be the case?

4 The table shows the number of men and women who watched three different films.

Film	Women	Men	Total
A	364	618	982
B	411	484	895
C	609	255	864
Total	1,384	1,357	2,741

a) Complete the table.

b) Are these statements true or false?

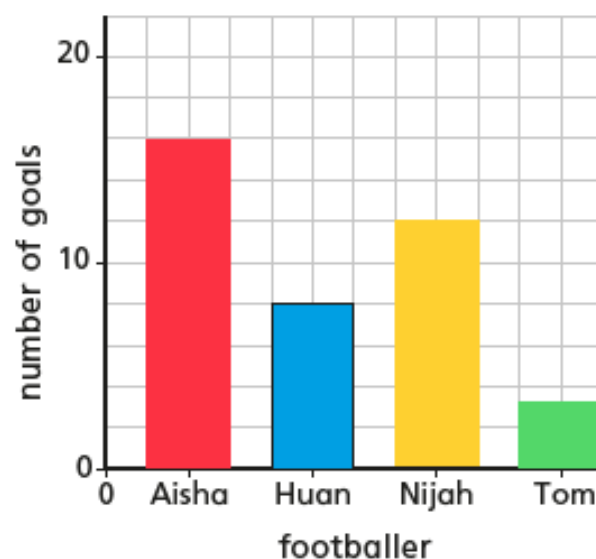More women than men watched one of the films. _true_

Film B was the most popular. _false_

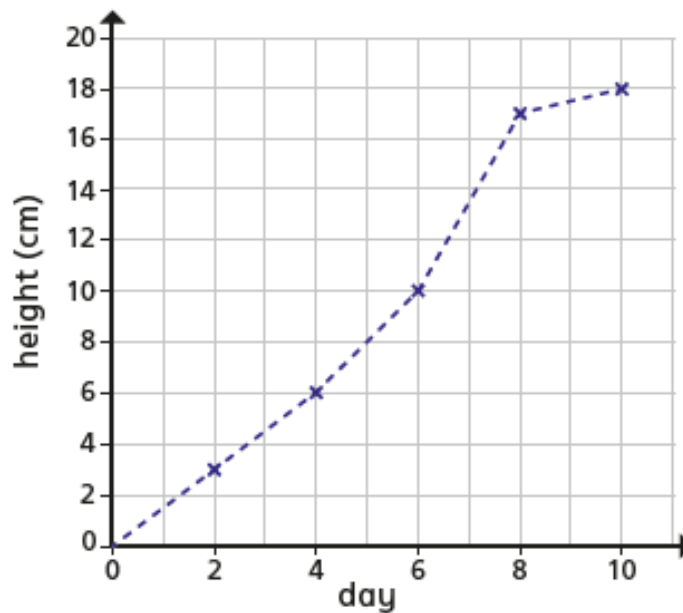**5** The bar chart represents the number of goals scored by four footballers.

Use the clues to complete the bar chart.

- Tom has scored 13 fewer goals than Aisha.

- Aisha has scored twice as many goals as Huan.

- Huan and Nijah combined have scored a total of 20 goals.

Introducing line graphs

I The line graph shows the growth of some cress over 10 days.

a) How tall was the cress on Day 2? ⬚ cm

b) On what day did the cress reach 10 cm? day ⬚

c) Estimate the height of the cress on Day 5 ⬚ cm

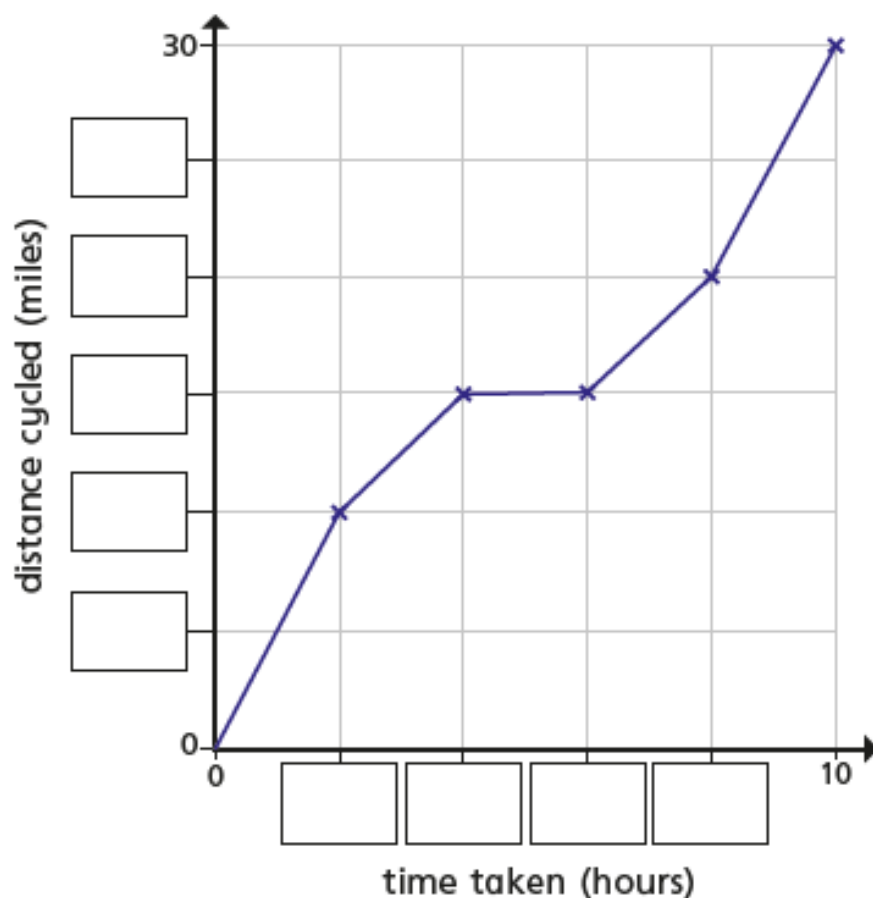d) Estimate when the cress will reach a height of 14 cm.

day ⬚

e) Between which two consecutive days did the cress grow the most?

day ⬚ and day ⬚

2 The line graph shows the distance a cyclist travels on a bike ride.

a) Fill in the missing labels.

distance cycled (miles)

30

time taken (hours)

0 ... 10

b) How long did it take the cyclist to travel 10 miles?

[ ] hours

c) How far had the cyclist travelled after 4 hours?

[ ] miles

d) How far did the cyclist travel in total?

[ ] miles

e) How far did the cyclist travel between 4 and 6 hours?

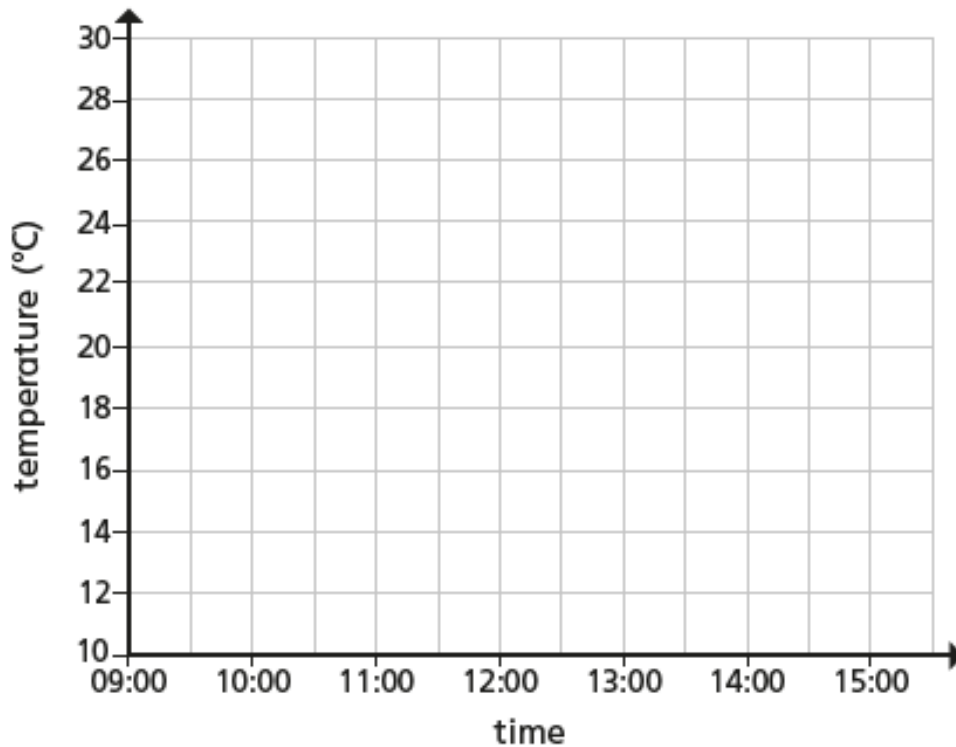[ ] miles

What might have happened during this time?

3 The table shows the temperature outside on Monday.

Time	09:00	10:00	11:00	12:00	13:00	14:00	15:00
Temperature (°C)	14	16	20	26	24	20	18

a) Use the information in the table to complete the line graph.

Key Monday _____ Tuesday _____

b) On Tuesday, the following temperatures were recorded.

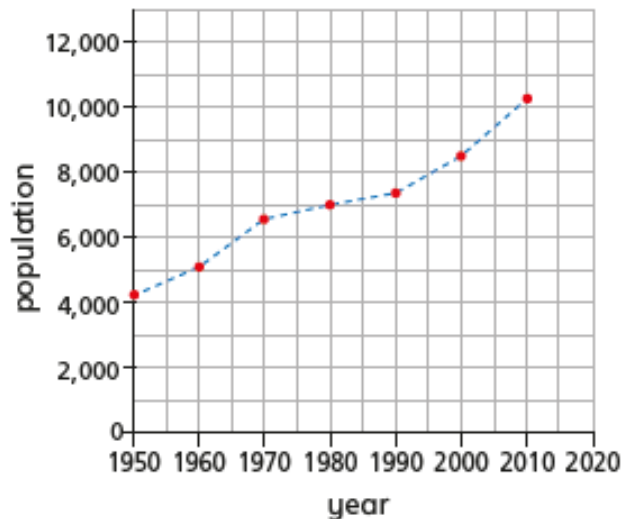| Time	09:00	10:00	11:00	12:00	13:00	14:00	15:00
Temperature (°C)	13	16	21	22	22	19	17

Add the new information to your line graph using a different colour and complete the key.

c) At what time was it hotter on Tuesday than on Monday?

4 The graph shows the population of a town from 1950 to 2010

a) Circle the correct word to complete the statement.

   The population of the town **increased** / **decreased** from 1950 to 2010
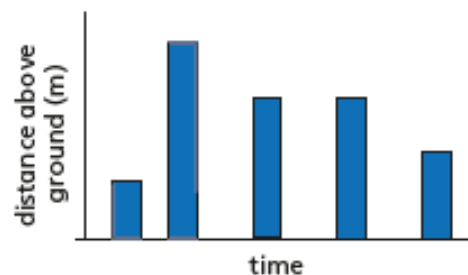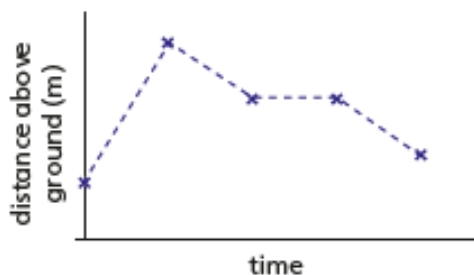
b) Estimate the highest recorded population.

c) In what year did the population first reach 7,000?

d) Estimate the population in 1970

e) Estimate the population in 2006

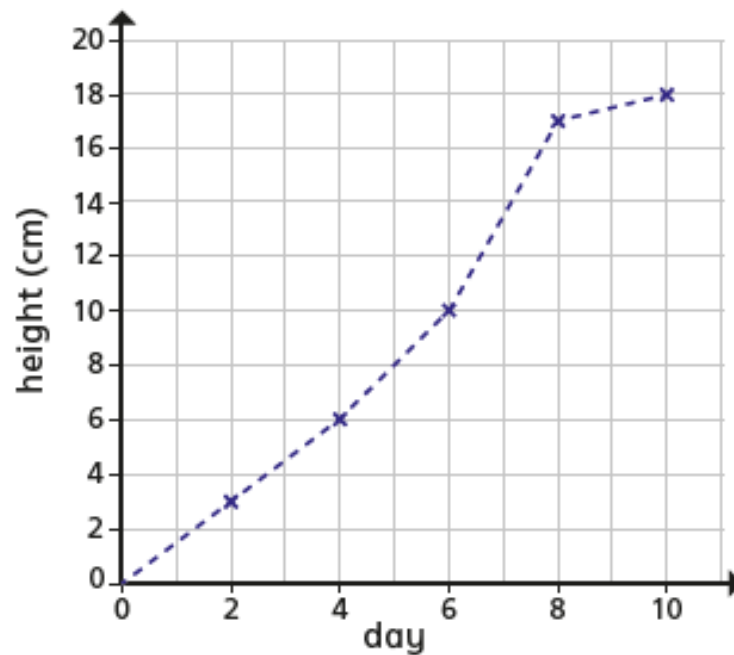**5** The line graph and bar chart both show the distance above ground of a bird.

Which representation is more appropriate? _____

Explain your choice to a partner.

I The line graph shows the growth of some cress over 10 days.

a) How tall was the cress on Day 2?   **3** cm

b) On what day did the cress reach 10 cm?   day **6**

c) Estimate the height of the cress on Day 5   **8** cm

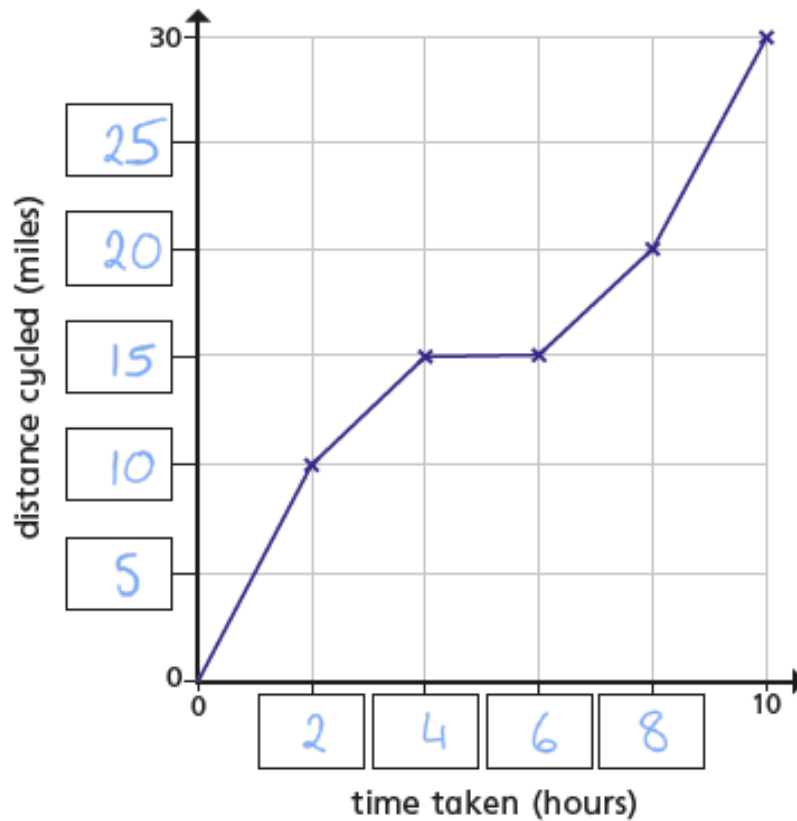d) Estimate when the cress will reach a height of 14 cm.

day **7**

e) Between which two consecutive days did the cress grow the most?

day **6** and day **7**

(or 7 & 8)

2 The line graph shows the distance a cyclist travels on a bike ride.

a) Fill in the missing labels.

distance cycled (miles)

30 —
25
20
15
10
5
0

0   2   4   6   8   10

time taken (hours)

b) How long did it take the cyclist to travel 10 miles?

2 hours

c) How far had the cyclist travelled after 4 hours?

15 miles

d) How far did the cyclist travel in total?

30 miles

e) How far did the cyclist travel between 4 and 6 hours?
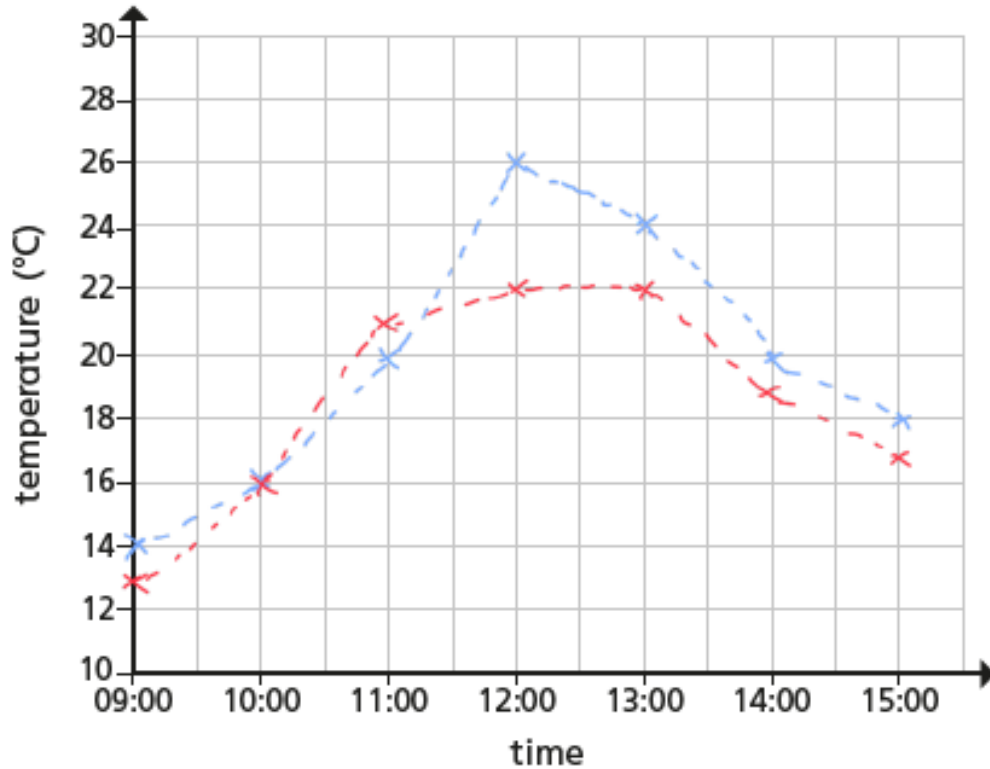
0 miles

What might have happened during this time?

3 The table shows the temperature outside on Monday.

Time	09:00	10:00	11:00	12:00	13:00	14:00	15:00
Temperature (°C)	14	16	20	26	24	20	18

a) Use the information in the table to complete the line graph.

Key Monday _____ Tuesday _____

b) On Tuesday, the following temperatures were recorded.

Time	09:00	10:00	11:00	12:00	13:00	14:00	15:00
Temperature (°C)	13	16	21	22	22	19	17

Add the new information to your line graph using a different colour and complete the key.
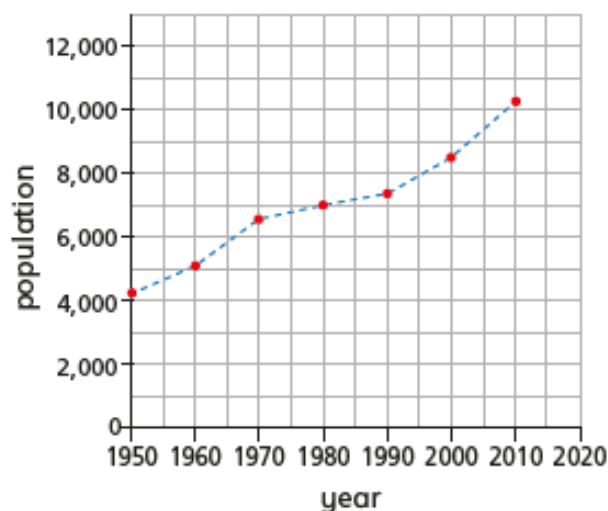
c) At what time was it hotter on Tuesday than on Monday?

11:00

4 The graph shows the population of a town from 1950 to 2010

a) Circle the correct word to complete the statement.

The population of the town **increased** / **decreased** from 1950 to 2010

b) Estimate the highest recorded population. 10,200

c) In what year did the population first reach 7,000? 1980
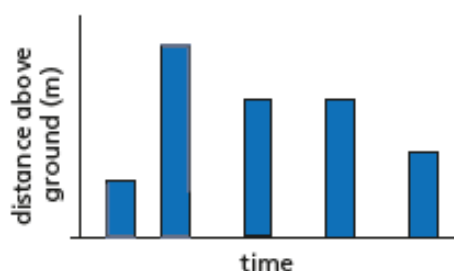
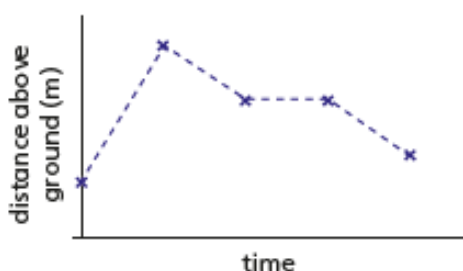d) Estimate the population in 1970 6,500

e) Estimate the population in 2006 9,500

5 The line graph and bar chart both show the distance above ground of a bird.
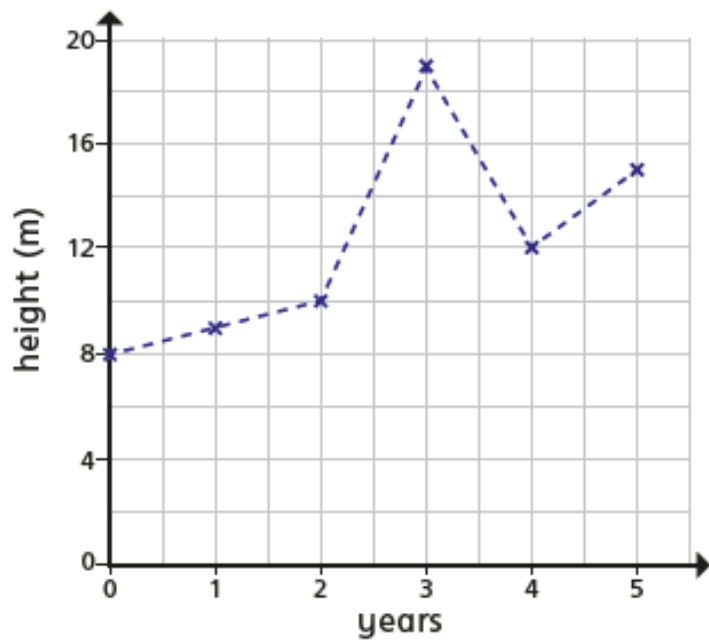

Which representation is more appropriate? line graph

Explain your choice to a partner.

Line graphs

I The line graph shows the growth of a tree.

a) What is the difference in height between the start and end of recording? ☐ m

b) How much did the tree grow between the 2nd and 3rd year? ☐ m

c) What happened in year 3?
   What might have caused this?

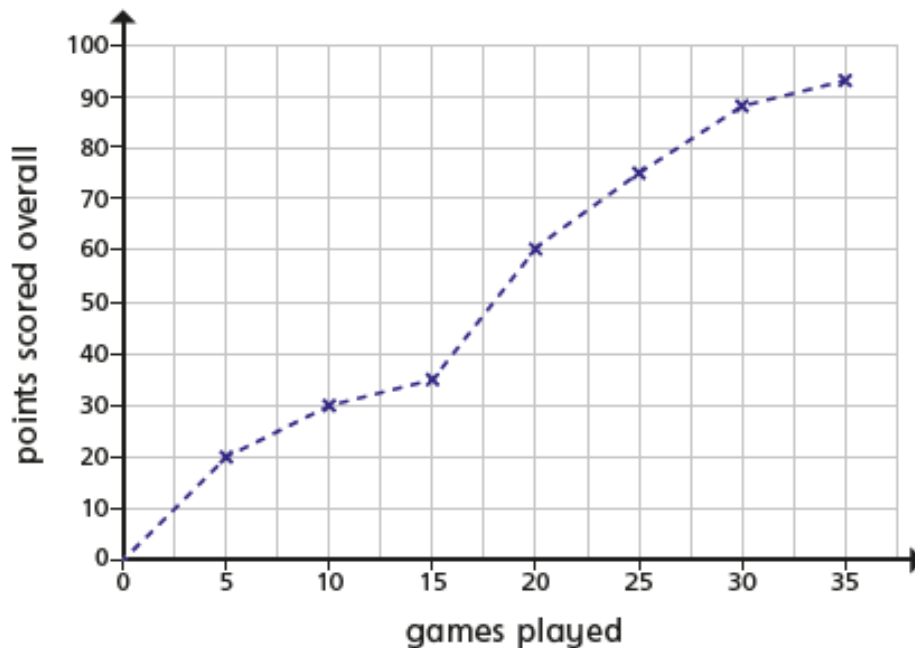d) By the 6th year the tree grows to three times the height it was in the 1st year.

> The tree will be at the tallest height it has ever been.

Do you agree with Whitney? _____

Explain your answer.

2 The line graph shows the number of points scored over 35 games.

a) Use the line graph to complete the table.

Games	0	5						
Points	0						88	93

b) How many points were scored between games 10 and 25?

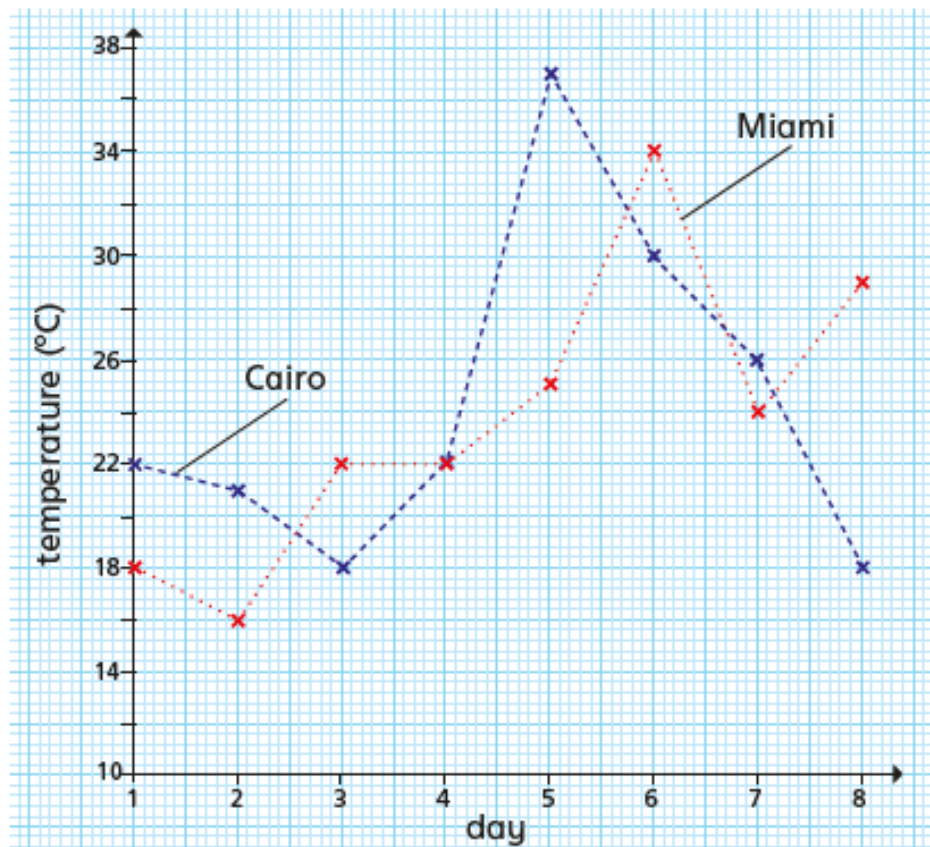**c)** Between which games did the points exactly double?

between game ☐ and game ☐

d) Between which games were the least number of points scored?

game ☐ and game ☐

e) Estimate how many games it took to score 50 points. ☐

3 The line graph shows the temperatures in Miami and Cairo over 8 days.

a) On what day was the temperature the same in both cities?

day [ ]

b) What is the difference in temperature between the hottest days in both cities?

[ ] °C

c) What is the difference between the hottest recorded temperature and the lowest recorded temperature?
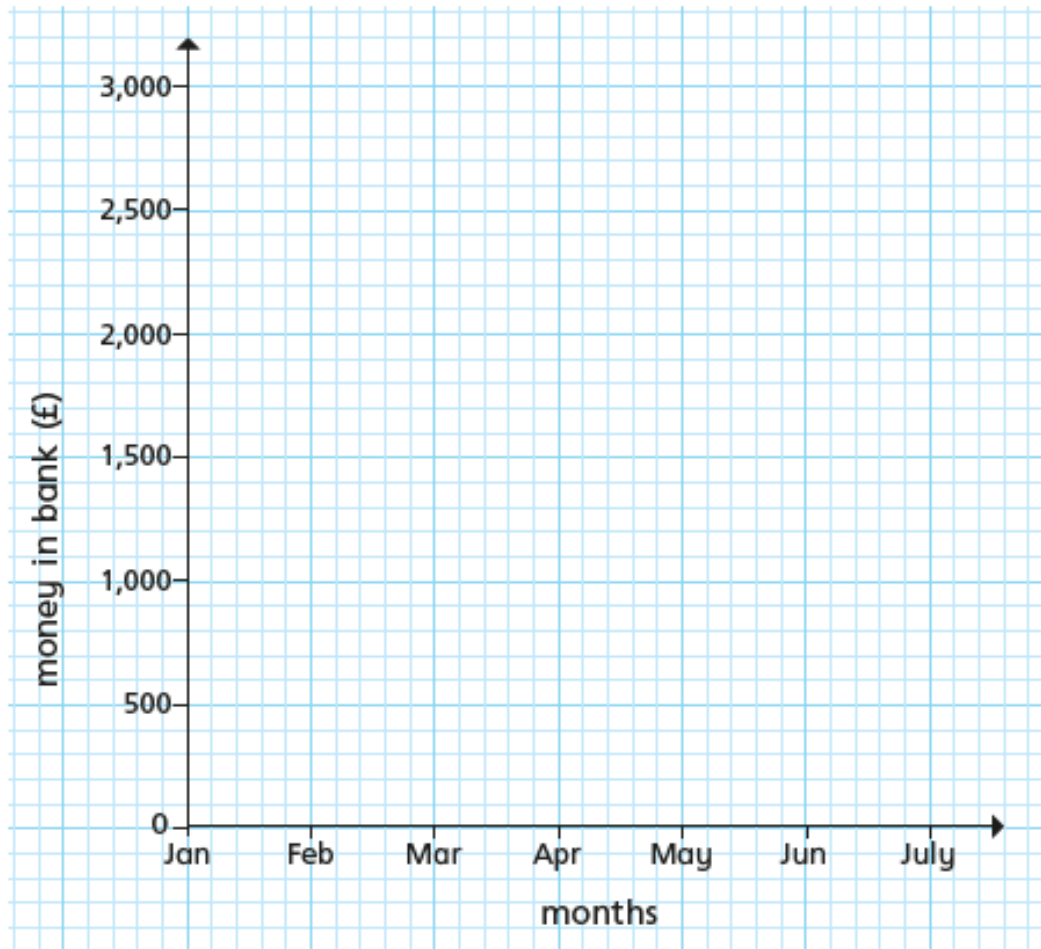
[ ] °C

d) On which days was it warmer in Cairo than Miami?

_____

e) On what day was there the greatest difference in temperature between the two cities?

day [ ]

**4** Use the clues to complete the line graph.

- In February there was £2,800 in the bank, which was the largest overall amount.
- May had the lowest amount.
- In March there was half the amount of February.
- In Jan there was £200 more than March.
- The total of March and April combined was £2,600
- The lowest amount was £2,400 less than the highest amount.
- In July and April there was the same amount of money.
- June = Feb – Mar – May

Compare answers with a partner.

Line graphs

1 The line graph shows the growth of a tree.
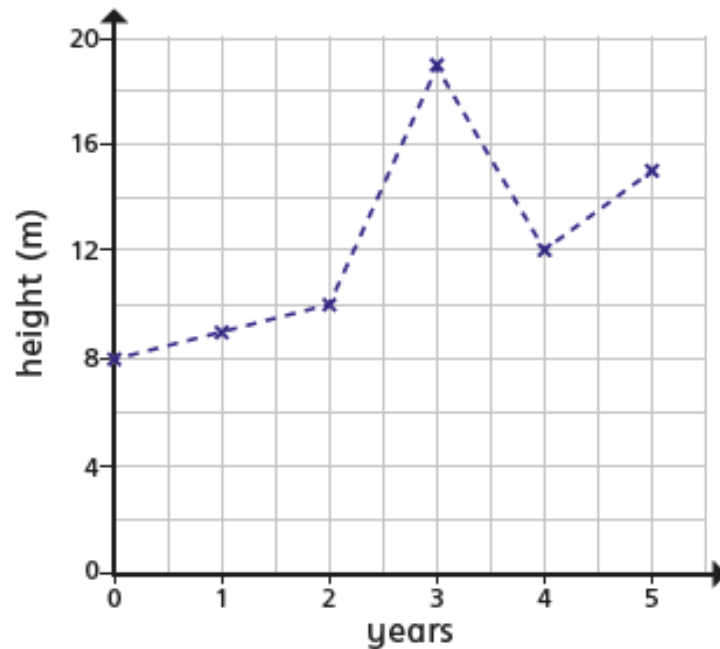
a) What is the difference in height between the start and end of recording?

$\boxed{7}$ m

b) How much did the tree grow between the 2nd and 3rd year?

$\boxed{9}$ m

c) What happened in year 3?
What might have caused this?

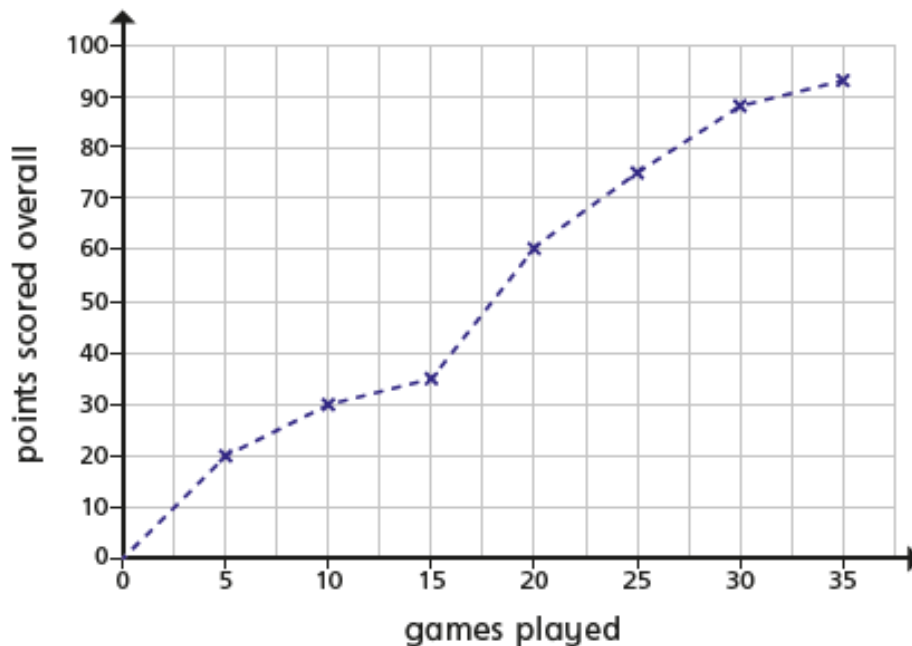d) By the 6th year the tree grows to three times the height it was in the 1st year.

> The tree will be at the tallest height it has ever been.

Do you agree with Whitney? _yes_

Explain your answer.

2 The line graph shows the number of points scored over 35 games.

points scored overall

games played

a) Use the line graph to complete the table.

Games	0	5	10	15	20	25	30	35
Points	0	20	30	35	60	75	88	93

b) How many points were scored between games 10 and 25?

$\boxed{45}$

c) Between which games did the points exactly double?

between game $\boxed{10}$ and game $\boxed{20}$

d) Between which games were the least number of points scored?
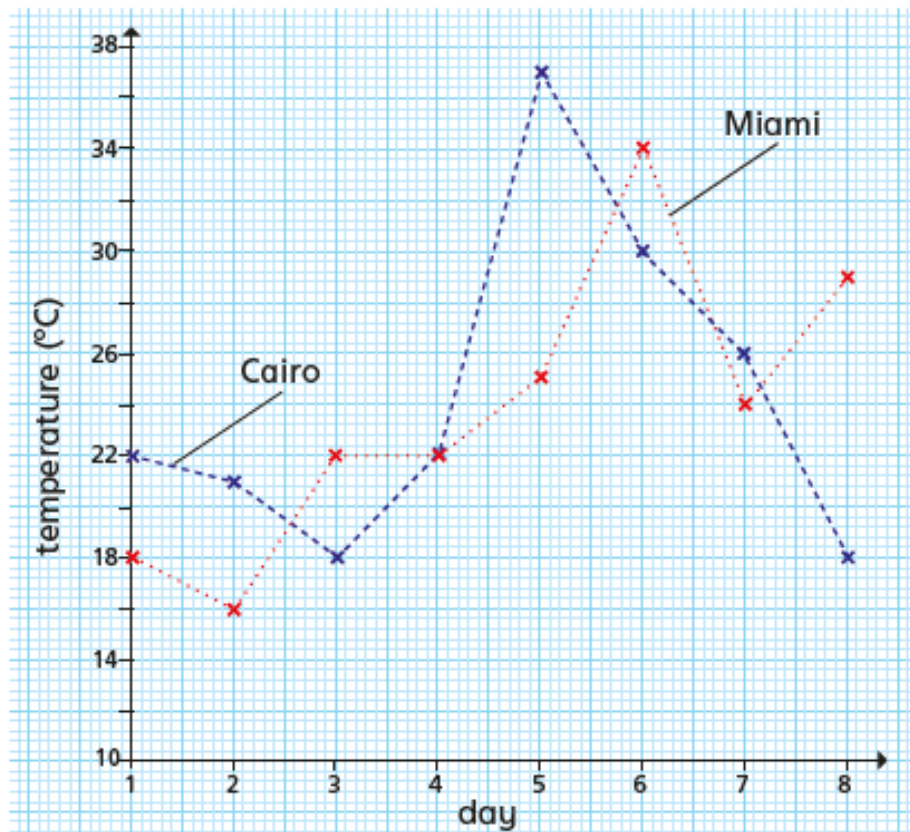
game $\boxed{30}$ and game $\boxed{35}$

(or 10 and 15)

e) Estimate how many games it took to score 50 points. $\boxed{18}$

3 The line graph shows the temperatures in Miami and Cairo over 8 days.

a) On what day was the temperature the same in both cities?

day 4

b) What is the difference in temperature between the hottest days in both cities?   3 °C

c) What is the difference between the hottest recorded temperature and the lowest recorded temperature?

21 °C
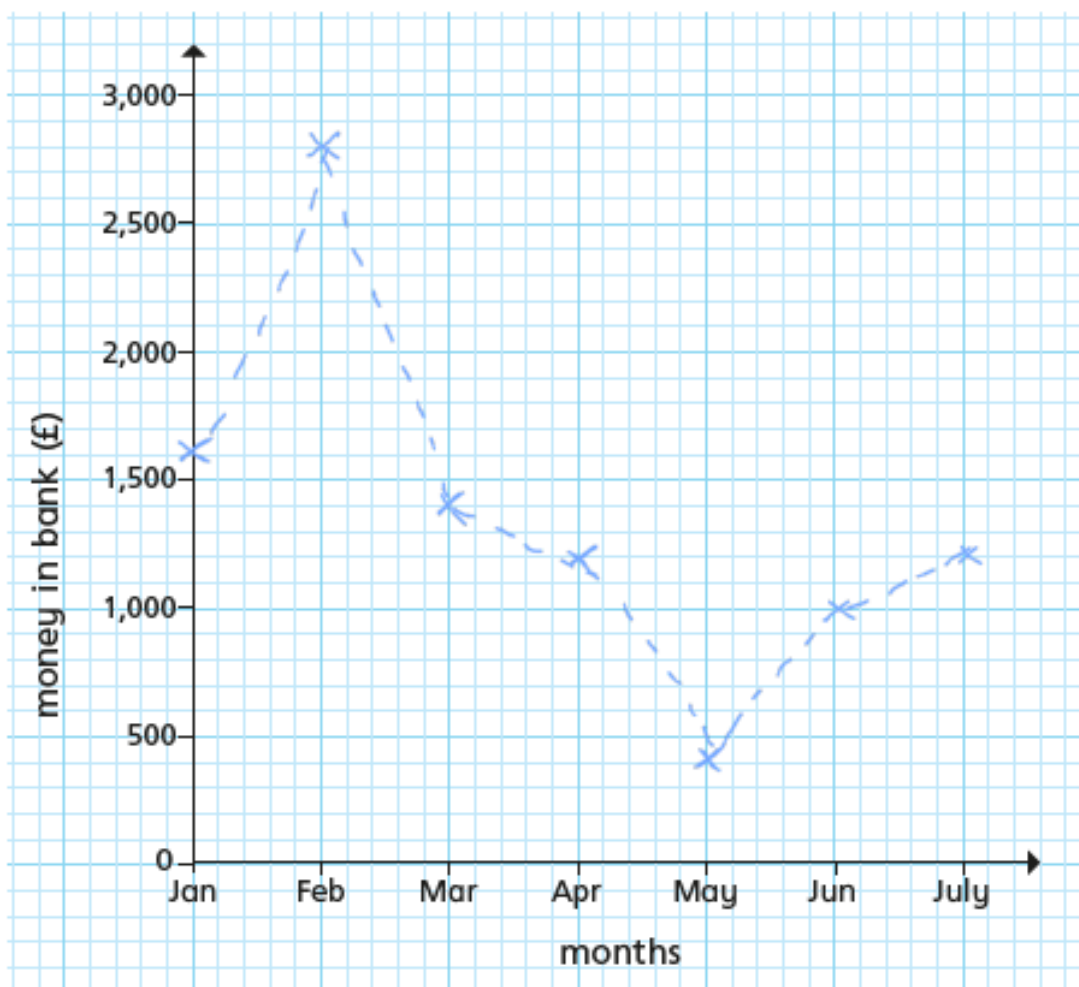
d) On which days was it warmer in Cairo than Miami?

1, 2, 5, 7

e) On what day was there the greatest difference in temperature between the two cities?

day 5

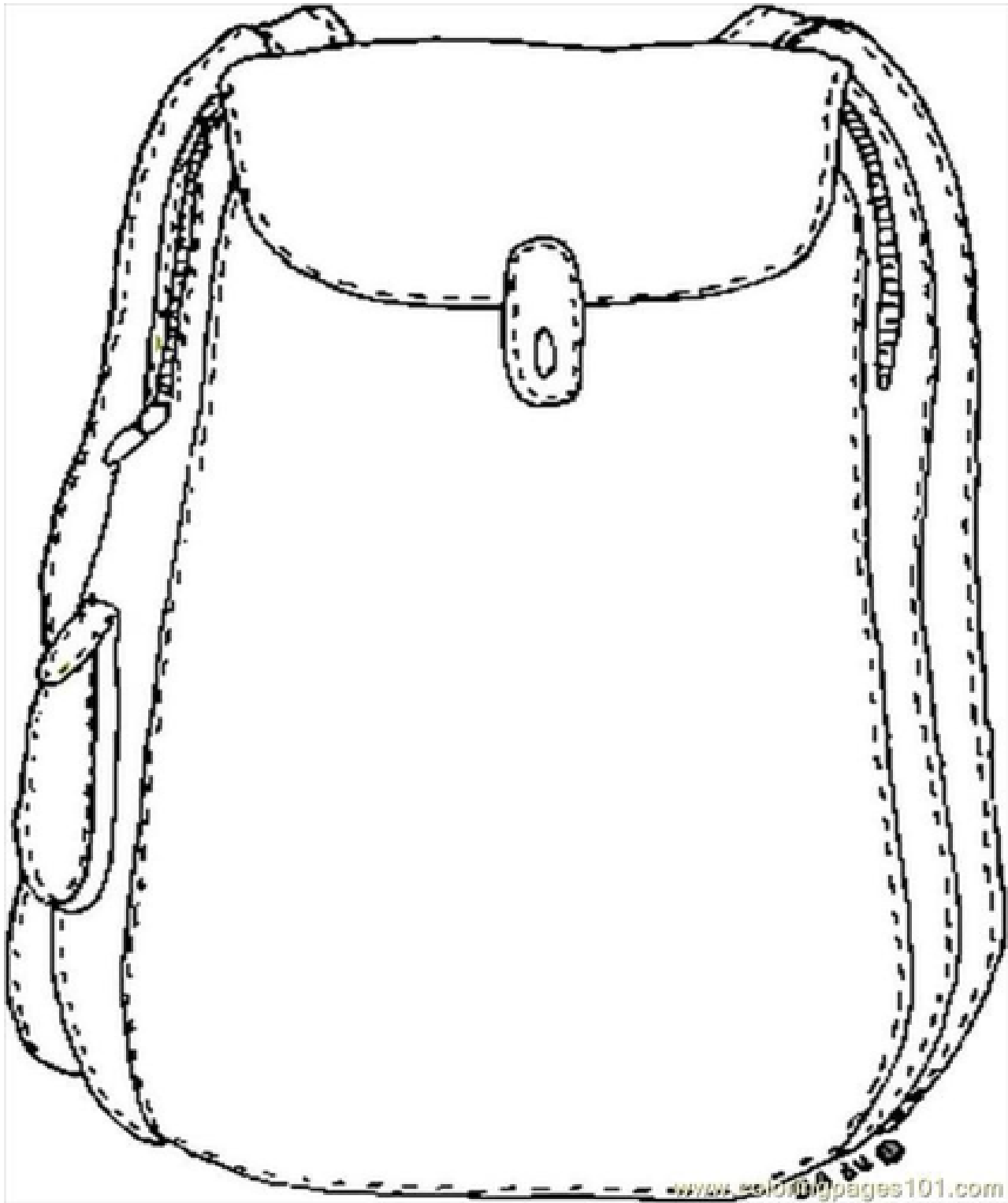**4** Use the clues to complete the line graph.

- In February there was £2,800 in the bank, which was the largest overall amount.

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- In March there was half the amount of February.

- In Jan there was £200 more than March.

- The total of March and April combined was £2,600

- The lowest amount was £2,400 less than the highest amount.

- In July and April there was the same amount of money.

- June = Feb – Mar – May

Compare answers with a partner.

Monday Topic

Rucksack template