Monday 6th July 2020 Summer Term- Week 10- Lesson 1- Interpret charts Please watch the video first <a href="https://vimeo.com/432265669">https://vimeo.com/432265669</a> The bar chart shows the number of children who went on holiday to some different countries. number of children 12-10 The pictogram shows the number of ice creams sold in a shop. 6-Ice cream flavour Number of ice creams sold vanilla USA Spain France UK chocolate country visited a) Complete the table using the information in the bar chart. strawberry Number of children visiting Country mint choc Spain Key Q = 2 ice creams France USA a) How many vanilla ice creams were sold? UK b) The shop sold Italu 6 chocolate ice creams. b) Complete the pictogram using the information in the What mistake has Annie made? bar chart. Number of children visiting Country Spain France c) How many chocolate ice creams were sold? USA d) How many strawberry ice creams were sold? UK e) Seven mint choc ice creams were sold. Italu Complete the pictogram to show this. = 4 children Four classes of children were asked what their favourite animals are. Match the tables to the charts. 10-Class A dog 8 6cat 2 rabbit 7 snake 12 rabbit snake Class B dog Which chart best represents the picture? dog 4 cat Talk to a partner about the reasons for your choice. 1 cat rabbit rabbit 3 Use the clues to label the bar chart. snake snake 4 The number of Huddersfield Town supporters is half the = 4 children number of Halifax Town supporters. More people support Halifax Town than support any other team. 10-Class C More people support Manchester United than Leeds United. 4 There is 1 less supporter of Bradford City than Halifax Town. 1 Bradford City Huddersfield Town Halifax Town rabbit Leeds United Manchester United rabbit number of supporters Class D dog dog 8 5-4-2 rabbit 7 rabbit snake 3 snake

football team

Key = 4 children

#### Tuesday 7th July 2020 Summer Term- Week 10- Lesson 2- Comparison, sum and difference. Please watch the video first https://vimeo.com/432265829

Comparison, sum and difference The bar chart shows the number of visitors to a museum number of visitors 10-

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?

Wed

Thurs

Fri

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?

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

Country	untry Number of hours sunshine	
Spain	****	
UK	***	
Italy	***	
Germany	***	
Iceland	*	

Ь)

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

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.

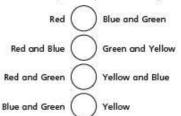
hours

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



Team	Points	
Red		
Blue	F	
Green		Key = 4 points
Yellow		
Pink	B 400 B 5	

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



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.



how many points each team scored and then subtract one from the other.

is there another way Teddy could work out the answer?

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

Film	Women	Men	Total
Α	364	618	
В	411		895
С	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.

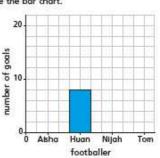
The bar chart represents the number of goals scored by four footballers.

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.















# <u>Wednesday</u> 8<sup>th</sup> <u>July 2020</u> Summer Term- Week 10- Lesson 3- Introducing line graphs Please watch the video first https://vimeo.com/432265995

#### Introducing line graphs The line graph shows the growth of some cress over 10 days. 16-14height (cm) 12a) How tall was the cress on Day 2? b) On what day did the cress reach 10 cm? c) Estimate the height of the cress on Day 5 d) Estimate when the cress will reach a height of 14 cm. e) Between which two consecutive days did the cress grow and day day 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) 20 18 a) Use the information in the table to complete the line graph. 28-26 temperature (°C) 22-20 18-16-14 12 11:00 14:00 10:00 12:00 13:00 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 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?

2 The line graph shows the distance a cyclist travels on a bike ride.	
a) Fill in the missing labels.	
time taken (hours)	
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?	
e) How far did the cyclist travel between 4 and 6 hours?	
miles	
What might have happened during this time?	9
The graph shows the population of a town from 1950 to 2010	
12,000	
10,000	
<u>s</u> 8,000	
5 8,000 19 6,000	
å. 4,000 d	
2,000	
1950 1960 1970 1980 1990 2000 2010 2020	
year	
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	
The line graph and bar chart both show the distance above ground of a bird.	<b>(</b>
distance down distance down (m) ground (m) ground (m) ground (m)	
Which representation is more appropriate?	0
Explain your choice to a partner.	

## Thursday 9<sup>th</sup> July 2020 Summer Term- Week 10- Lesson 4- Line graphs

Please watch the video first <a href="https://vimeo.com/432266309">https://vimeo.com/432266309</a>

/	Rese Matte  2 The line graph shows the number of points scored over
ine graphs	35 games.
	100
The line graph shows the growth of a tree.	80 80 70 60 8 70 8 70 8 70 8 70 8 70 8 7
20	8 60
16-	50 50 × 40 × 40 × 40 × 40 × 40 × 40 × 40
*	9 40 2 30
E 12-	Ö. 20
in 8**-	10
	0 5 10 15 20 25 30 35 games played
4-	guilles plugeu
0 1 2 3 4 5	a) Use the line graph to complete the table.
years	Games 0 5
a) What is the difference in height between the start and end of recording?     m	Points 0 88 93
b) How much did the tree grow between	
the 2nd and 3rd year?	b) How many points were scored between games 10 and 25?
c) What happened in year 3?	c) Between which games did the points exactly double?
What might have caused this?	between game and game
d) By the 6th year the tree grows to three times the height it was in the 1st year.	d) Between which games were the least number of
The tree will be	points scored?
at the tallest height it	game and game
has ever been.	e) Estimate how many games it took to score 50 points.
Do you agree with Whitney?	C Damate not many game it took to best 35 points.
Explain your answer.	© White Rose Martin 2020
	A District Province of Database Resistants
The line graph shows the temperatures in Miami and Cairo over 8 days.	Use the clues to complete the line graph.
sof	3,000
↑ Miomi	3,000
341 / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2,500-
» / \	
9 + // X /*	2,000-
Coiro 2220.	(F) - Yu 1,500- - Li 1,000-
224	<u> </u>
	<u>S</u>
	960
14-	500-
10	
1 2 3 4 5 6 7 8 day	Jan Feb Mar Apr May Jun July
a) On what day was the temperature the same in both cities?	months
day	<ul> <li>In February there was £2,800 in the bank, which was the</li> </ul>
b) What is the difference in temperature between	largest overall amount.
the hottest days in both cities?	
c) What is the difference between the hottest recorded	<ul> <li>In March there was half the amount of February.</li> </ul>
temperature and the lowest recorded temperature?	In Jan there was £200 more than March.
-c	
d) On which days was it warmer in Cairo than Miami?	The lowest amount was £2,400 less than the highest amount.
e	<ul> <li>In July and April there was the same amount of money.</li> <li>June = Feb - Mar - May</li> </ul>
e) On what day was there the greatest difference in	
temperature between the two cities?	Compare answers with a partner.
doy	6 White Rose Adello 1928

TTRS- complete minimum of 5 games. Where will you end up on the leaderboard this week?

These are activities to keep our maths learning 'sticky'. Select at least 2 of the activities below to complete your maths lesson today.

- Numbots
- Maths games set as 2Dos on Purple Mash
- BBC Bitesize game- Guardians Defenders of Mathematica



How much money does Eva have?

#### Challenge 2

lf



and



Work out the value of



### Challenge 3

A sequence is made up of three 2-digit numbers.

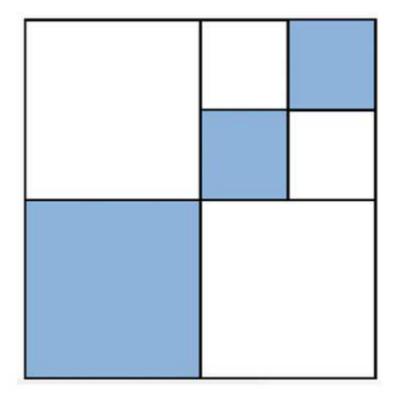
The sequence increases by eight each time. These are the digits that make up the three numbers.



Work out the numbers in the sequence.

### Challenge 4

A square is divided into smaller squares.



What fraction of the square is shaded?