



Year 4 Maths Home Learning | Summer Term



W.C. 29th June 2020

Please use this link first : <https://whiterosemaths.com/homelearning/year-4/>

<https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

Maths

Use these worksheets to work from **and not on**. All you need is a piece of paper, pencil and a ruler.

After watching the videos and having a go at the practise activities, have a go at these activities. Depending on your confidence choose Mild, Medium or Spicy (you may wish to have a go at more



Extensions – You may wish to deepen your learning by looking at the Collins Worksheets provided by the BBC too.

Over the course of this week, please complete the following arithmetic quiz. Please choose between the two challenge levels, dependent on your level of confidence.

Mild:

1	$3 + \square = 8$	☐
2	$3 \times 10 = \square$	☐
3	$17 - \square = 9$	☐
4	$\square = 73 + 8$	☐
5	$80 - \square = 50$	☐
6	$8 + 7 + 2 = \square$	☐
7	$\begin{array}{r} 37 \\ + 31 \\ \hline \end{array}$	☐
8	$\square - 30 = 19$	☐
9	$\begin{array}{r} 56 \\ - 35 \\ \hline \end{array}$	☐
10	$9 \times 2 = \square$	☐
11	$\frac{1}{3}$ of 18 = $\square$	☐
12	$\square \times 3 = 24$	☐
13	$34 + \square = 71$	☐
14	$\begin{array}{r} 65 \\ + 27 \\ \hline \end{array}$	☐
15	$\square \div 2 = 40$	☐
16	$\frac{2}{4}$ of 20 = $\square$	☐
17	$\begin{array}{r} 56 \\ - 38 \\ \hline \end{array}$	☐
18	$\square = 40 \times 5$	☐

Medium and Spicy:

1	$\square = 5 \times 11$	☐	2	$40 = 563 - \square$	☐
3	$1 \times 0 = \square$	☐	4	$\frac{1}{4}$ of 20 = $\square$	☐
5	$23 \times 1 = \square$	☐	6	$\frac{7}{8} - \frac{2}{8} = \square$	☐
7	$\square = 2 \times 9 \times 5$	☐	8	$4 \times 9 = \square$	☐
9	$\begin{array}{r} 23 \\ + 38 \\ \hline \end{array}$	☐	10	$298 + 8 = \square$	☐
11	$19 \div 1 = \square$	☐	12	$\begin{array}{r} 80 \\ - 33 \\ \hline \end{array}$	☐
13	$\square = 90 \times 2$	☐	14	$63 \div 9 = \square$	☐
15	$\begin{array}{r} 64 \\ + 77 \\ \hline \end{array}$	☐	16	$\begin{array}{r} 26 \\ \times 4 \\ \hline \end{array}$	☐
17	$83 - \square = 55$	☐	18	$\begin{array}{r} 46 \\ \times 5 \\ \hline \end{array}$	☐
19	$3 \overline{)64}$	☐	20	$\square \times 2 = 98$	☐
21	$\begin{array}{r} 7438 \\ + 1658 \\ \hline \end{array}$	☐	22	$95 \div \square = 5$	☐

Monday

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Monday - Interpret Charts

Starter 'Fluent in 5'

A. $7 \times 8 =$	B. $658 + 287 =$
C. $528 \div 8 =$	D. $34 + 45 =$

Mild

- 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?

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?

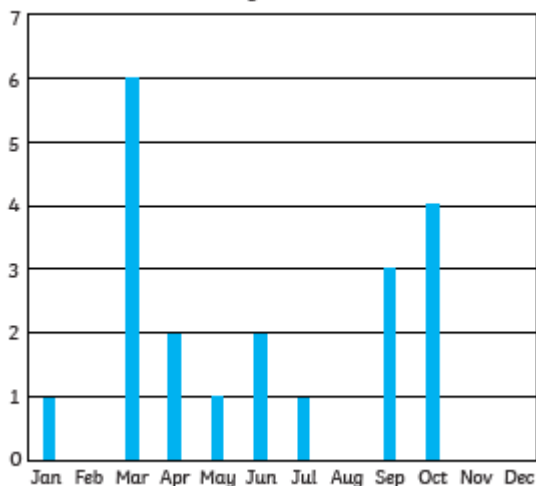
e) Seven mint choc ice creams were sold.
Complete the pictogram to show this.

- 1) Here is a table and a bar chart showing the number of birthdays in each month of the year in a class of 29 children. Some results are missing. Fill in or draw on the missing results and label the axes.



Month	Number of Children
January	
February	3
March	6
April	
May	1
June	2
July	1
August	
September	
October	
November	2
December	2
Total	29

Birthdays in Our Class



1a. Look at the pictogram: Y4 Pets

Cat	    
Dog	    
Fish	   
Rat	
Snake	



Fill in the blanks in the table.

Cat	Dog	Fish	Rat	Snake
5			1	

2a. Think of one question to ask about the information in this pictogram: Favourite Drink

Cherry	  
Banana	  
Mango	  

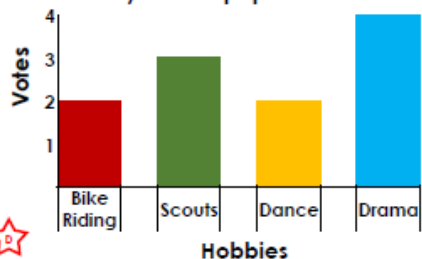
3a. Use the information in the table to complete the pictogram: Sweets Sold

	4
	2
	6

  
each image = 1

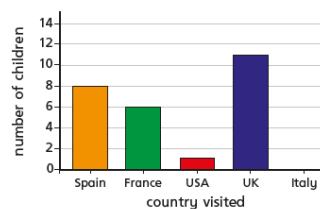
		
Red	Pink	Blue

4a. Look at the bar chart: Y4 Hobbies
Which hobby is most popular?



Medium

- 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	

5a. Look at this bar graph:
Distance Travelled



Fill in the blanks in the table below.

Truck 1	Truck 2	Truck 3	Truck 4
		20km	

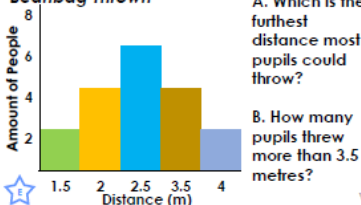
6a. Think of two questions to ask about the information in this tally chart:
Breakfast

Cereal	
Fruit & Yoghurt	
Toast	

7a. Use the information in the table to create a bar chart: Livestock



8a. Look at the bar chart: Distance Beanbag Thrown



A. Which is the furthest distance most pupils could throw?

B. How many pupils threw more than 3.5 metres?

- 1) Amir wants to present the birthdays of everyone in his school. Should he use a bar chart or pictogram to record this information? Explain why in your book.



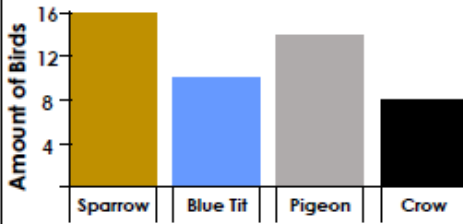
Month	Number of Girls	Number of Boys
January	16	18
February	11	8
March	19	6
April	21	17
May	19	23
June	17	23
July	16	15
August	14	24
September	20	19
October	22	23
November	10	18
December	17	20

- 2) In your book or on squared paper, record the birthdays in Amir's school using your chosen method. Remember you will need to show boys and girls on the chart together.

twinkl.co.uk

Spicy

9a. Look at this bar graph:
Birds in the Garden



Present the information as a tally chart.

Sparrow				

10a. Think of at least 3 questions to ask about the table: **Parents' Age**

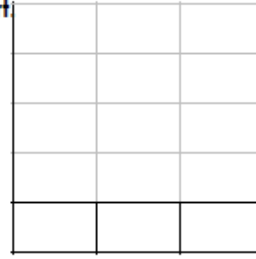
Calculate the answers to your questions.

	25 - 30	30 - 35	35 - 40	40+
Year One	10	12	7	-
Year Two	21	-	6	5
Year Three	6	7	9	13

11a. Use the information in the table to create a bar chart:

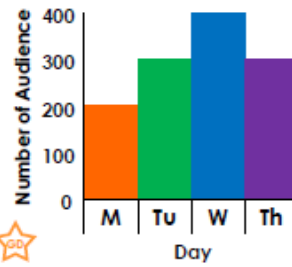
Money saved

Jan	Feb	Mar
£3	£9	£12



VF

12a. Look at the bar chart:
Audience Members



A. How many people were in the audience on Wednesday?

B. Which days had more than 250 people in the audience?



VF



Chart A

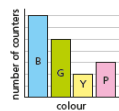


Chart B

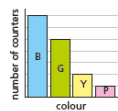
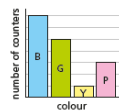


Chart C



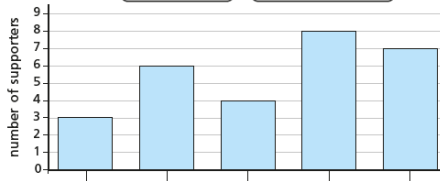
Which chart best represents the picture?

Talk to a partner about the reasons for your choice.

4. Use the clues to label the bar chart.

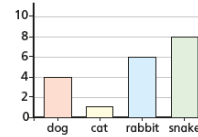
- The number of Huddersfield Town supporters is half the number of Halifax Town supporters.
- More people support Halifax Town than support any other team.
- More people support Manchester United than Leeds United.
- There is 1 less supporter of Bradford City than Halifax Town.

Bradford City Huddersfield Town Halifax Town
Leeds United Manchester United



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

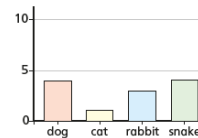


Class B	
dog	4
cat	1
rabbit	3
snake	4

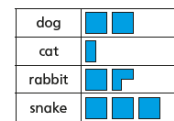


Key ■ = 4 children

Class C	
dog	4
cat	1
rabbit	6
snake	8



Class D	
dog	8
cat	2
rabbit	7
snake	3



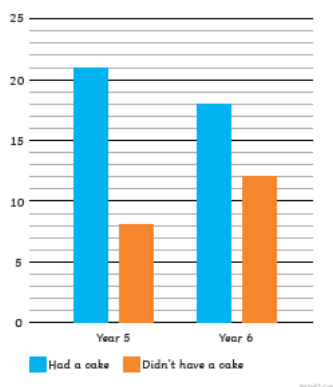
Key ■ = 4 children

- 1) Carla has drawn this pictogram to show the days of the week when children in her school had birthday parties. In your book, write how she could improve her pictogram.

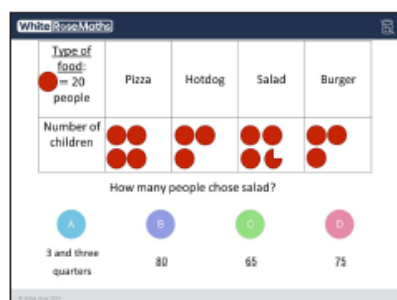


Day of Celebration	Children
Monday-Thursday	
Friday	  
Saturday	    
Sunday	  

- 2) This graph shows the number of children in year 5 and 6 who had a cake for their birthday. In your book, answer the following questions:
- How many children are there in year 5?
 - How many children did not have a birthday cake?
 - How many more children had a cake than didn't?
 - Write two of your own questions that can be answered using this bar chart.
 - Write a question, about the children's birthday cakes in year 5 and 6, that you could not answer just from looking at this bar chart.



Want to sharpen your skills further? Have a go at the following diagnostic questions:



Correct Answer: A B C D

Explanation:

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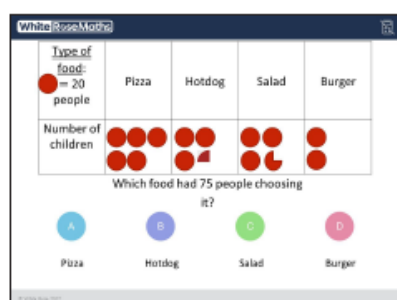
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Correct Answer: A B C D

Explanation:

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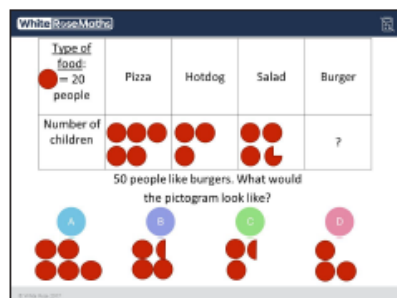
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Correct Answer: A B C D

Explanation:

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Tuesday - Comparison, sum and difference

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<https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

Starter:

$$A. 384 + 30 =$$

$$B. 34 \times 4 =$$

$$C. 4 \times 6 =$$

$$D. 76 \div 4 =$$

Mild:

1a. Use the table to calculate the number of goals scored in the tournament.

Netball Tournament Results

Match	Score
Warriors vs Rangers	2 - 1
Lions vs Tigers	2 - 2
Titans vs Spartans	0 - 1

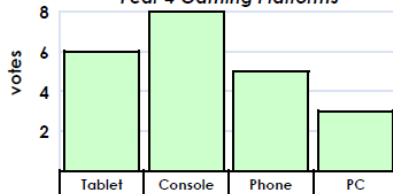
In which matches were the most and least goals scored?



VF

2a. Complete the sentences below.

Year 4 Gaming Platforms



Consoles beat PC by _____ votes.

Phones were _____ vote behind tablets.



VF

3a. Calculate the difference between the number of pet dogs and hamsters.

Year 4's Pets

Dog	Cat	Hamster	Fish

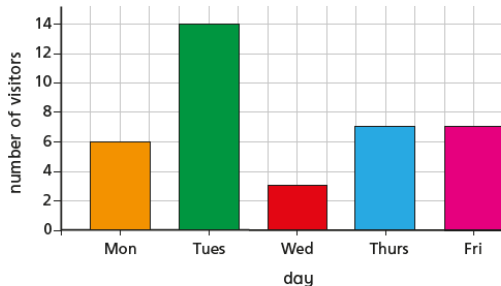
= 2 pets

Which two pets are owned by 7 children altogether?



VF

- 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?
- 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?

- 1) Queen Elizabeth II is the longest reigning UK monarch. This table shows the five previous longest reigns.



King or Queen	Length of Reign in Whole Years
Henry III	56
Edward III	50
James VI	57
George III	59
Victoria	63

- a) How many more years did James rule than Henry?
- b) What is the sum of the two longest reigns shown in the table?
- c) What is the difference between the longest and shortest reign shown on the table?

King or Queen	Length of Reign crown = 2 years
Mary I	
Mary II	
Henry V	
John	
James I	

Medium:

- 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.

- 4a. Use the table to calculate the number of people who voted.

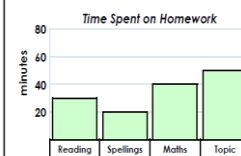
Favourite Activities at Luna Leisure Centre

Activity List	Votes
Swimming	80
Yoga	60
Badminton	40
Karate	50

- Sort the activities in order from the most to least popular.



- 5a. Complete the sentences below.



There were _____ more minutes of Maths than Spellings. Reading took _____ fewer minutes than Topic.

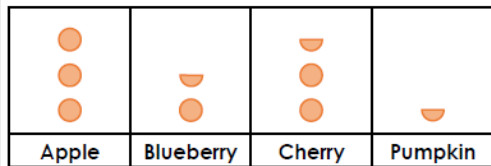


- 2) This pictogram shows the reigns of some of the kings and queens of the UK.

- a) Henry V ruled for 4 years longer than Mary II. Fill in the pictogram to show this.
- b) The difference between the reigns of John and James is 5 years. John's reign was shorter. Fill in the pictogram to show this.
- c) How much longer would Henry have needed to stay on the throne to match James' reign?

6a. Calculate the difference between the number of apple and pumpkin pies sold.

Pies sold at a bake sale



 = 10 pies

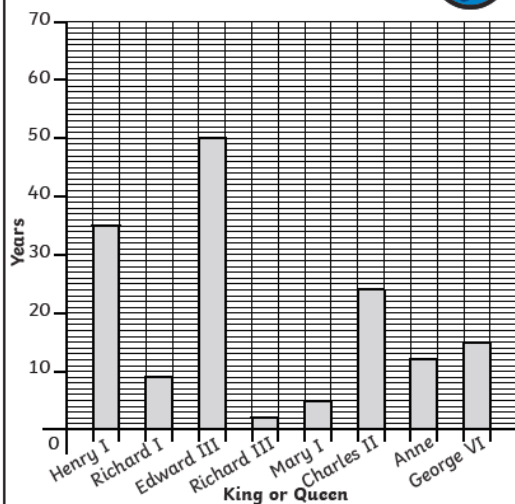
Which two types of pie were bought by 40 people altogether?



VF

Spicy

A Bar Chart to Show Information about Different Kings and Queens of England



- Look at the bar chart. Are these statements true or false?
 - Anne ruled for double the time Richard III did.
 - The combined reigns of Mary I and Richard I are one year shorter than Anne's.
 - The longest reigning monarch shown ruled for more time than the sum of the 4 shortest reigns.

- Jack says, "The kings and queens reigned for 50 years altogether."

What mistake has he made?

Explain what he needed to do to work out how long they reigned altogether.

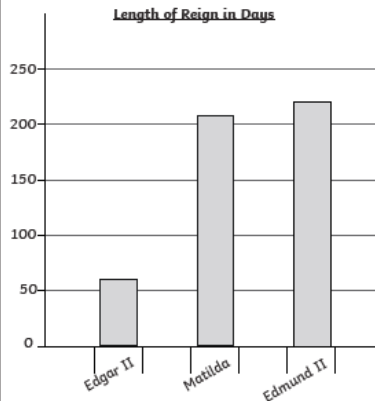
twinkl.com

Look at the pictogram and bar chart showing the reigns of monarchs.



King	Length of Reign  = 5 days
Edward V of England	
Sweyn Forkbeard of England	
Lady Jane Grey	

Length of Reign in Days



- Look at both the pictogram and bar chart.
 - Which monarch reigned for the longest amount of time?
 - What is the difference in time between the longest reign and shortest reign shown?
 - What is the sum of the 2 shortest reigns combined?
- Present all the data together as either a bar chart or pictogram in your book. Explain why you have chosen to present your data this way.
- Add the following information to your bar chart or pictogram.
 - Lulach ruled for 9 days fewer than the longest serving monarch shown.
 - Dafydd ap Gruffydd ruled for 10 days more than Matilda and Edward V combined.

- 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?

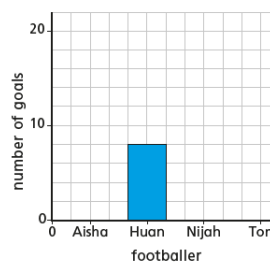
More women than men watched one of the films. _____

Film B was the most popular. _____

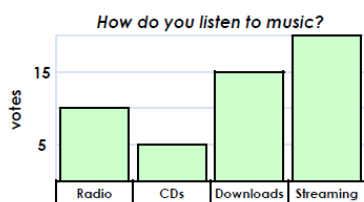
- 5 The bar chart represents the number of goals scored by four footballers.

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.



8a. Complete the sentences below.



There were _____ more votes for streaming than CDs. Radio was _____ votes behind downloads.



VF

9a. Calculate the difference between the distance trains C and D travelled.

Distance Travelled by Trains

  	 	  	
A	B	C	D

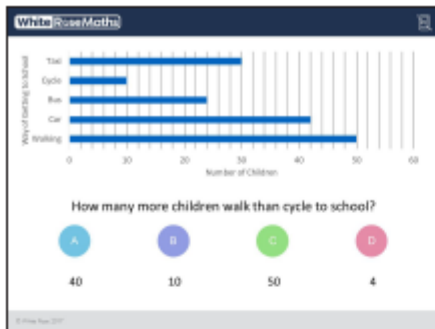
 = 50 miles

Which two trains travelled 200 miles altogether?



VF

Want to sharpen your skills further? Have a go at the following diagnostic questions:



Correct Answer: A B C D

Explanation:

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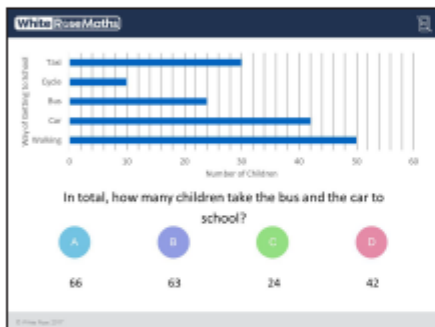
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Correct Answer: A B C D

Explanation:

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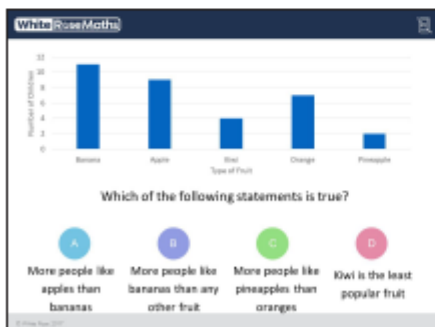
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Correct Answer: A B C D

Explanation:

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Wednesday

<https://whiterosemaths.com/homelearning/year-4/>

<https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

Wednesday: Introducing line graphs

Starter:

A. $384 + 7 =$

B. $246 - 138 =$

C. $4 \times 0 =$

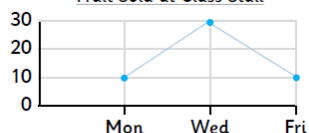
D. $? = 18 \times 4$

Mild:



1a. What is missing?

Fruit Sold at Class Stall



Use the checklist to make sure the line graph has all items:

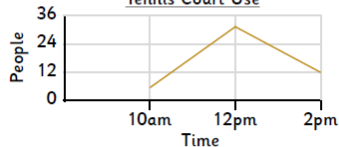
- ☐ Title
- ☐ Axis Labels
- ☐ Scales



VF

2a. Use the line graph to fill the gap.

Tennis Court Use



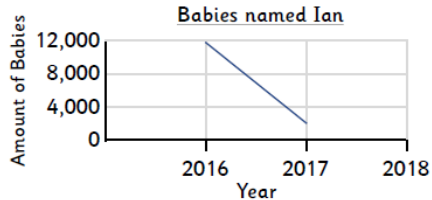
The busiest time for the tennis court was _____.



VF

3a. Use the data to complete the line graph.

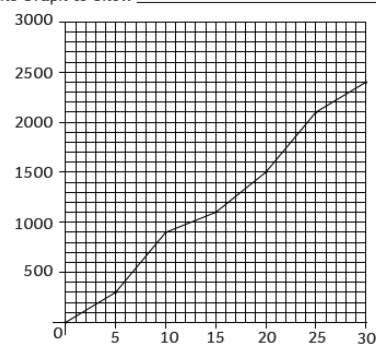
2018	2017	2016
0	2,000	12,000



VF

1) This line graph shows how far a class walked over half an hour, in metres. Add a title and label the axes.

A Line Graph to Show _____

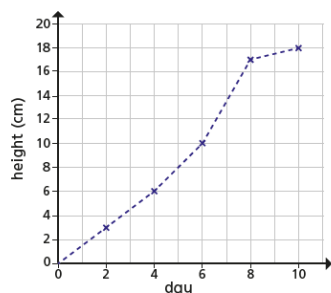


2) Use the graph to complete the table.

Time in Minutes	Distance in Metres
5	
10	
20	
30	

www.ks1.com

1 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

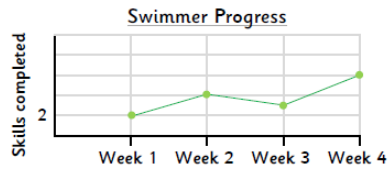
Medium:

- 1) Use this chart showing the temperature during a day out to draw your own line graph.
- 2) Use your line graph to find the following information.
 - a) Estimate the temperature at 2:30 p.m.
 - b) What time did the temperature stop increasing?
 - c) What type of data is the temperature?
 - d) Will your line graph start at 0°C? Explain why.



Time of Day	Temperature
11 a.m.	12°C
12 noon	17°C
1 p.m.	18°C
2 p.m.	21°C
3 p.m.	22°C
4 p.m.	22°C

4a. What is missing?



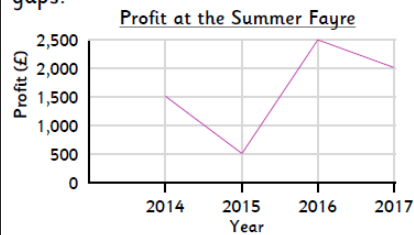
Use the checklist to make sure the line graph has all items:

- ☐ Y Axis Label
☐ X Axis Label
☐ Scales



VF

5a. Use the line graph to fill in the gaps.



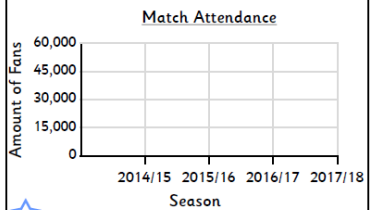
In 2015, profit decreased by _____.
In 2016, profit increased by _____.



VF

6a. Use the data to complete the line graph.

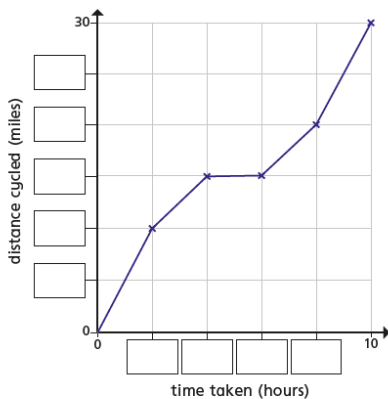
2014/15	2015/16	2016/17	2017/18
15,000	45,000	30,000	60,000



VF

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

a) Fill in the missing labels.



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?

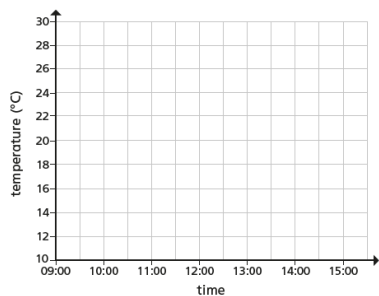
© White Rose Maths 2020

Spicy:

- 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 _____

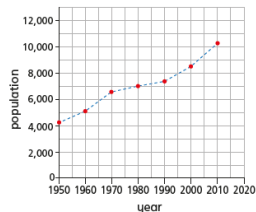
- b) On Tuesday, the following temperatures were recorded.

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

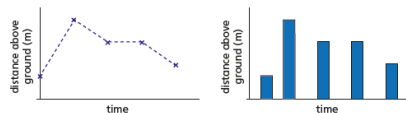
- b) Estimate the highest recorded population.

- 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.

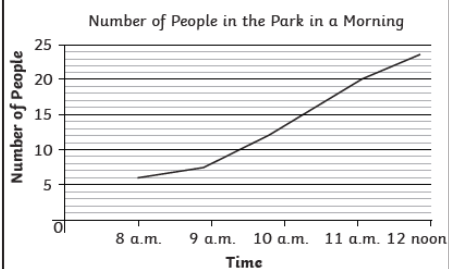


Which representation is more appropriate?

Explain your choice to a partner.

© White Rose Maths 2020

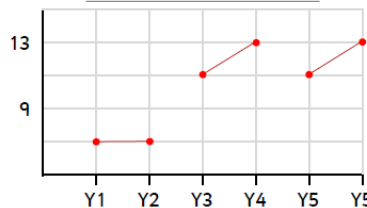
This graph shows the number of people walking through the park one morning.



- Between which times did the visitor numbers increase the most?
- Lucy said, "The number of visitors at 8:30 a.m. was 6 and a half." Why is Lucy wrong?
- Is there a better way of displaying this data to avoid a mistake like this one?
- Will said, "I know that only 1 person arrived at the park between 8 a.m. and 9 a.m." Is he correct?
- What other explanations for the change in number of visitors are there?

7a. What is missing?

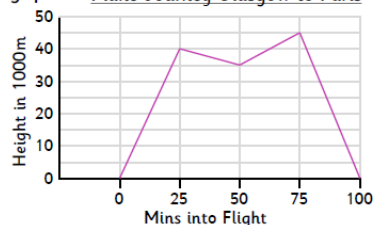
Homework in Summer term



VF

8a. Use the line graph to fill in the gaps.

Plane Journey Glasgow to Paris



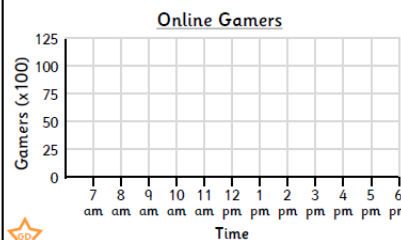
The flight lasts _____ mins. The plane reached a height of _____.



VF

9a. Use the data to complete the line graph.

Gamers	2500	7500	1200	1000	0	5000	10,000	7500
Time	7:30	9:00	10:30	12	1:30	3:00	4:30	6:00



VF

Thursday Line Graphs

<https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

<https://whiterosemaths.com/homelearning/year-4/>

Starter:

A. $\frac{1}{3}$ of 24 =

B. ? = 8×4

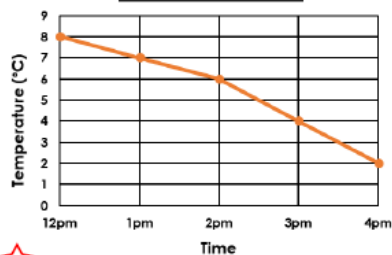
C. ? = $456 - 127$

D. $52 \div 4 =$

Mild

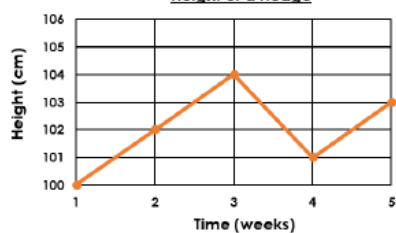
1a. How many degrees did the temperature drop between 1pm and 3pm?

Temperature in January



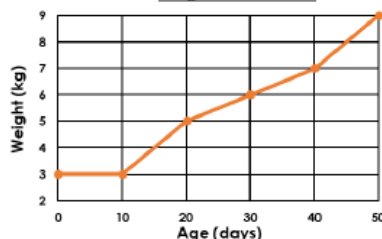
2a. True or false? The height at 3 weeks was 3cm more than it was at 2 weeks.

Height of a Hedge



3a. How many kg did the lion cub gain between 10 days and 40 days?

Weight of a Lion Cub



5kg

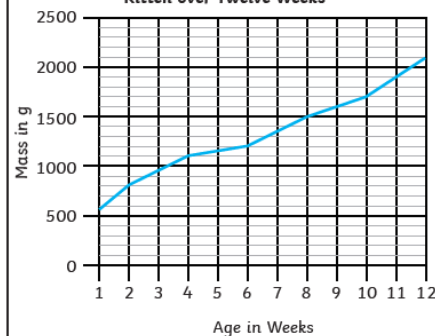
4kg

VF

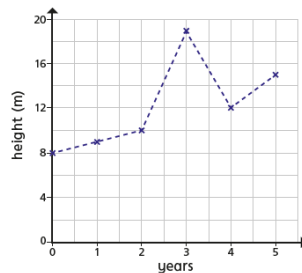
- What was the mass of the kitten at 4 weeks old?
- How much did the mass of the kitten increase between weeks 6 and 8?
- In which week did the mass of the kitten increase the most?
- How many weeks did it take for the kitten to double its mass from week one?



A Graph to Show the Mass of a Kitten over Twelve Weeks



1 The line graph shows the growth of a tree.



- What is the difference in height between the start and end of recording?
- How much did the tree grow between the 2nd and 3rd year?
- What happened in year 3? What might have caused this?
- By the 6th year the tree grows to three times the height it was in the 1st year.

m
 m



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

Do you agree with Whitney? _____

Explain your answer.

2) Add kitten 2's mass to the line graph using the following data.

Week	1	2	3	4	5	6
Mass of kitten 2 (g)	400	750	1000	1200	1300	1350

Week	7	8	9	10	11	12
Mass of kitten 2 (g)	1450	1500	1600	1700	1800	1850

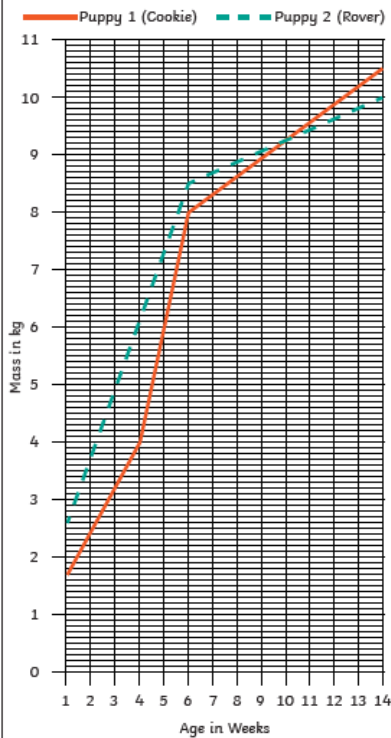
twinkl.com

Medium

- 1) a) At what ages did each puppy reach 6kg?
 b) What is the combined mass of the puppies at 8 weeks old?
 c) What is the difference between the combined mass of the puppies at week one and the combined mass of the puppies at 14 weeks?
 d) What is the total mass gained by both puppies from week 1 to week 6?



A Graph to Show the Mass of Two Puppies

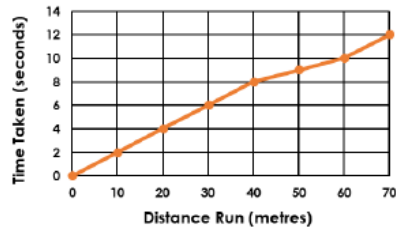


- 2) Greg says, "The puppies have a combined mass of 9.5kg at week 11." What mistake has he made? What should he do instead?

best of 1 can go

- 4a. How many seconds did it take to run from 20m to 50m?

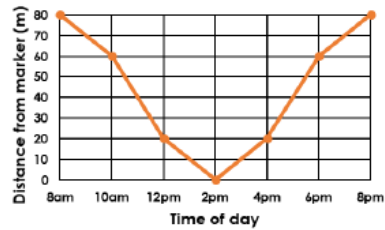
Speed of a Runner



VF

- 5a. True or false? The distance the tide had travelled at 10am was twice what it was at 4pm.

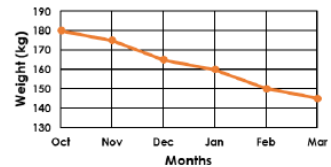
Tide Changes on a Beach



VF

- 6a. How many kilograms did the bear lose between October and March?

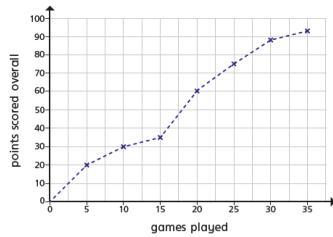
Weight of a Hibernating Bear



180kg 50kg 35kg 130kg

VF

- 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.

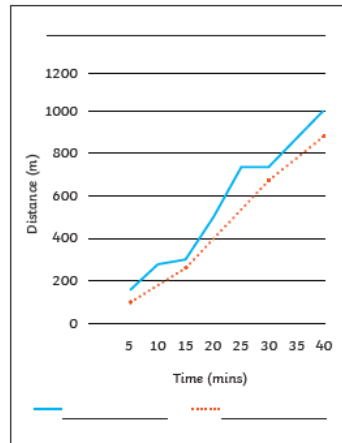
Spicy

1) What pet-related activity could this show?

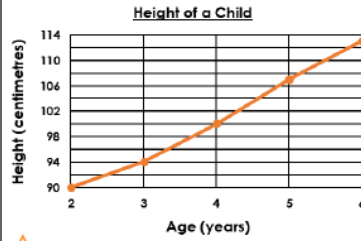
Label the key to show what the two lines represent and add a title.



2) Write a story to match the blue line on the graph.

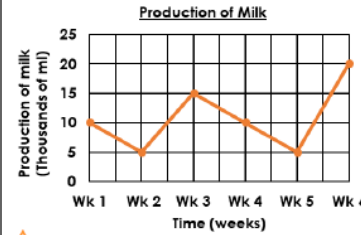


7a. How many centimetres did the child grow between Year 3 and Year 6?



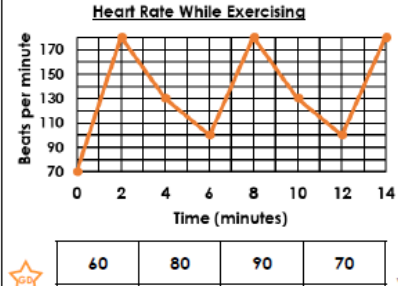
VF

8a. True or false? The amount of milk produced in week 6 was twice what it was in week 2.



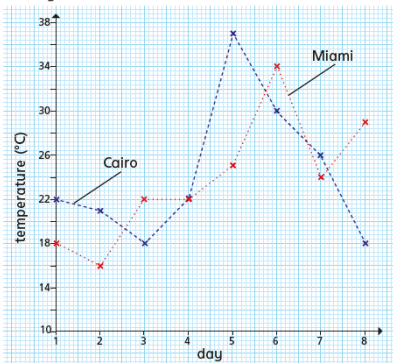
VF

9a. How many beats per minute did the heart reduce by between 2 and 6 minutes?



VF

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

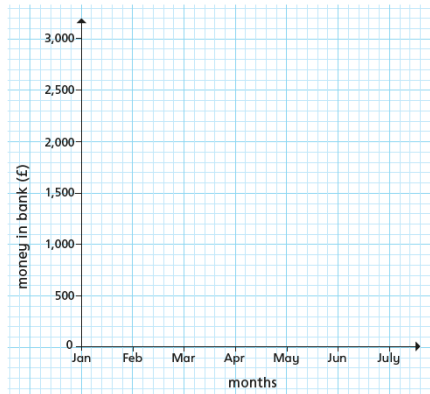
c) What is the difference between the hottest recorded temperature and the lowest recorded temperature? °C

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.

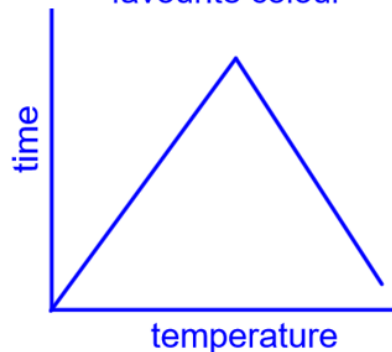
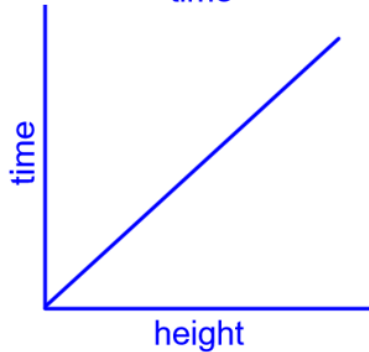
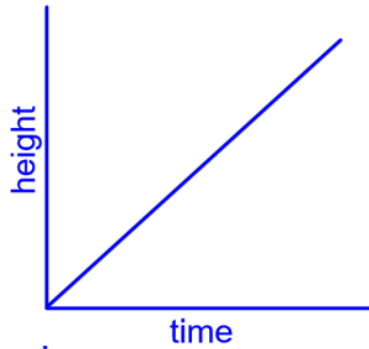


- In February there was £2,800 in the bank, which was the largest overall amount.
- May had the lowest amount.
- In March there was half the amount of February.
- In Jan there was £200 more than March.
- The total of March and April combined was £2,600
- The lowest amount was £2,400 less than the highest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

Compare answers with a partner.

Evaluation:

Which one doesn't belong? Why?



Friday

Today you can challenge yourself with the key skills test, along with the challenge activities posted on the **BBC website and White Rose**

<https://www.bbc.co.uk/bitesize/tags/z63tt39/year-4-and-p5-lessons/1>

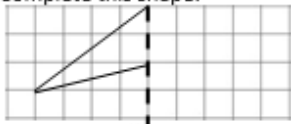
<https://whiterosemaths.com/homelearning/year-4/>



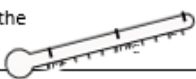
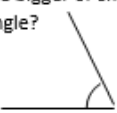
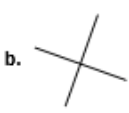
Times Table Rock Star Battle- Mrs Shaughnessy has organised a "battle" between each class in our year group. The start date is today and the finishing date is next Sunday 5th July so the results will be published that week on twitter. Get battling and let's see who wins!!!

Remember the Key Skills sheets are only to work from **not on** so do not worry if you cannot complete a couple of the questions.

Medium and Spicy

A: Place Value, Add and Subtract		B: Multiply, Divide and Fractions		C: Measure, Geometry and Statistics																
1. What is the missing number? 1,000 2,000 3,000 5,000	1	11. $12 \times 6 =$	6	21. How many centimetres are there in 4.25 metres?																
2. What is the missing number? 200 250 275 300	1	12. Complete the sum that is equal to $2 \times 3 \times 12$: $12 \times$	6																	
3. Round this number to the nearest 1,000: 5,731	2	13. $429 \times 3 =$	6																	
4. What is 1,000 more than 2,960?	4	14. To work out 62×7 you could do: $60 \times$ $+ $ $\times 7$	6	22. Tick (✓) the shape that has more than one line of symmetry. ☐  																
5. If the temperature starts at 4°C, then drops by 12°C, what is it now?	2	15. $\frac{?}{40} = \frac{5}{8}$	7																	
6. What is the value of the 9 in this number? 3,296	3	16. What is the missing number? 4.00 4.01 4.02 4.03	8	23. Complete this shape: 																
7. Write the number 38 in Roman numerals.	43	17. $\frac{8}{1} + \frac{5}{1}$	10	24. This table shows how teachers and students own different pets: <table data-bbox="1121 732 1484 840"><tr><th></th><th>Dog</th><th>Cat</th><th>Rabbit</th><th>Mouse</th></tr><tr><td>Teacher</td><td>13</td><td>19</td><td>9</td><td>5</td></tr><tr><td>Student</td><td>28</td><td>23</td><td>14</td><td>8</td></tr></table> How many students have cats?			Dog	Cat	Rabbit	Mouse	Teacher	13	19	9	5	Student	28	23	14	8
	Dog	Cat	Rabbit			Mouse														
Teacher	13	19	9			5														
Student	28	23	14	8																
8. $3,629 + 5,318 =$	5	18. Write 0.75 as a fraction.	10																	
9. Estimate the answer to: $15,982 - 8,025$	5	19. $123 \div 100 =$	8	25. Which pet is the most popular?																
10. From 750 tickets, pupils buy 205 & parents buy 478. How many are left?	5	20. Using £20 Rob buys a top for £8.90 and a scarf for £5.50. How much left?	9																	
Total (A)		Total (B)		Total (C)																

Mild

A: Place Value, Add and Subtract		B: Multiply, Divide and Fractions		C: Measure and Geometry
1. What is 10 less than this number? 106	3:1	11. $64 \div 8 =$	3:10	23. How many grams are there in 2 and a half kilograms?
2. What is the 6 worth in this number? 962	3:2	12. $6 \times 4 =$	3:10	
3. Write < or > to make this correct: 245 254	3:3	13. $32 \times 2 =$	3:11	22. What is the perimeter of this square? 
4. Show 8°C on the thermometer. 	3:4	14. There are 3 girls for every 2 boys. If there are 10 boys, how many girls?	3:12	
5. Make the largest number possible using the digits 6 3 and 8.	3:5	15. What is one tenth of 12?	3:13	23. Ian turns through half a turn. How many degrees has he turned through? 
6. $299 + 1 =$	3:6	16. Circle $\frac{5}{7}$ of the marbles. 	3:14	
7. $389 - 237 =$	3:7	17. What is $\frac{2}{5}$ of 25?	3:15	24. Is this angle bigger or smaller than a right angle? 
8. Circle the best estimate to $119 - 58$: 60 70 80 90	3:8	18. $\frac{4}{1} - \frac{?}{3}$ 	3:16	
9. A school has 700 tickets to sell for a play. They sell 537. How many left?	3:9	19. Add the fractions. $\frac{2}{7} + \frac{4}{7}$	3:17	25. Which pair of lines are perpendicular? a.  b. 
10. What is the missing number? $33 +$ $- 24 = 27$	3:9	20. Write the largest fraction. $\frac{1}{5}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{2}$	3:18	