Canonbury Home Learning

Year 4/5 Maths

Summer week 8 Lesson 4– 18.06.20

Starter

What goes next in each sequence?

87, 187, 287, ☐ , ☐ , ☐ , ☐

0.6, 0.7, 0.8, ☐ , ☐ , ☐ , ☐

6, 4, 2, ☐ , ☐ , ☐ , ☐

8452, 7452, 6452, ☐ , ☐ , ☐ , ☐

873, 763, 653, ☐ , ☐ , ☐ , ☐

Canonbury Home Learning

Year 4/5 Maths

Steppingstone activity

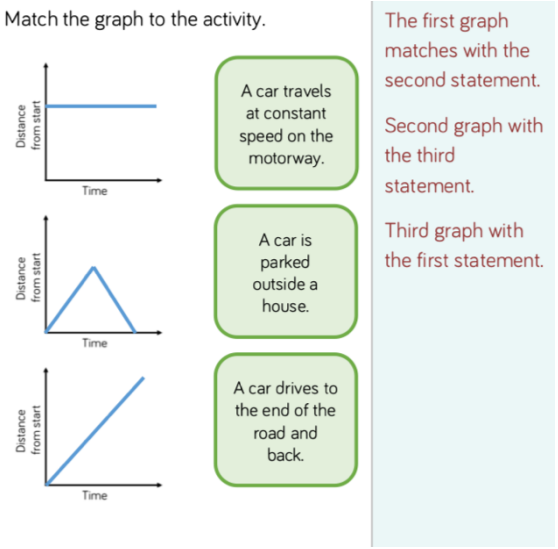
Summer week 8 Lesson 4 – 18.06.20

LO: To solve problems involving line graphs

Success Criteria:

1. **Look at the 2 axis and work out what the graph is about**
2. **Look at the shape of the line at different times- what does this tell you about what is happening?**
3. **Why might the car stop? Where could they be? Why might the line be steep, what is happening?**

Model:



The first graph shows a horizontal line, over a period of time its distance travelled hasn't changed therefore it can't be moving so it must be parked outside a house.

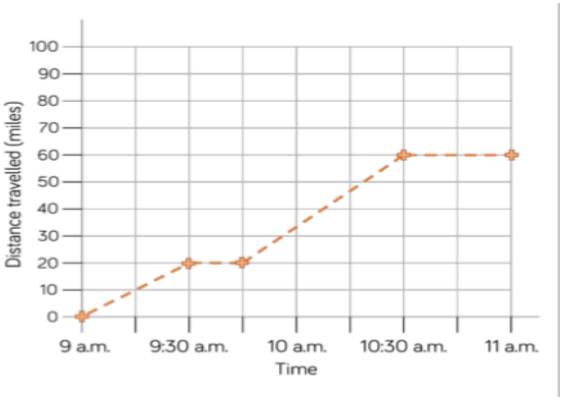
The second graph shows that the car travels from it's start point to a distance at the point of the triangle, it then travels back to where it started, therefore it has driven to the end of the road and back.

The third graph shows a constantly increasing distance over a period of time, it must therefore be travelling at a constant speed on a motorway.

Now complete this:

Write a story to describe this graph

- Remember to think about what happened at each time and mention distance travelled.



Canonbury Home Learning

Year 4/5 Maths

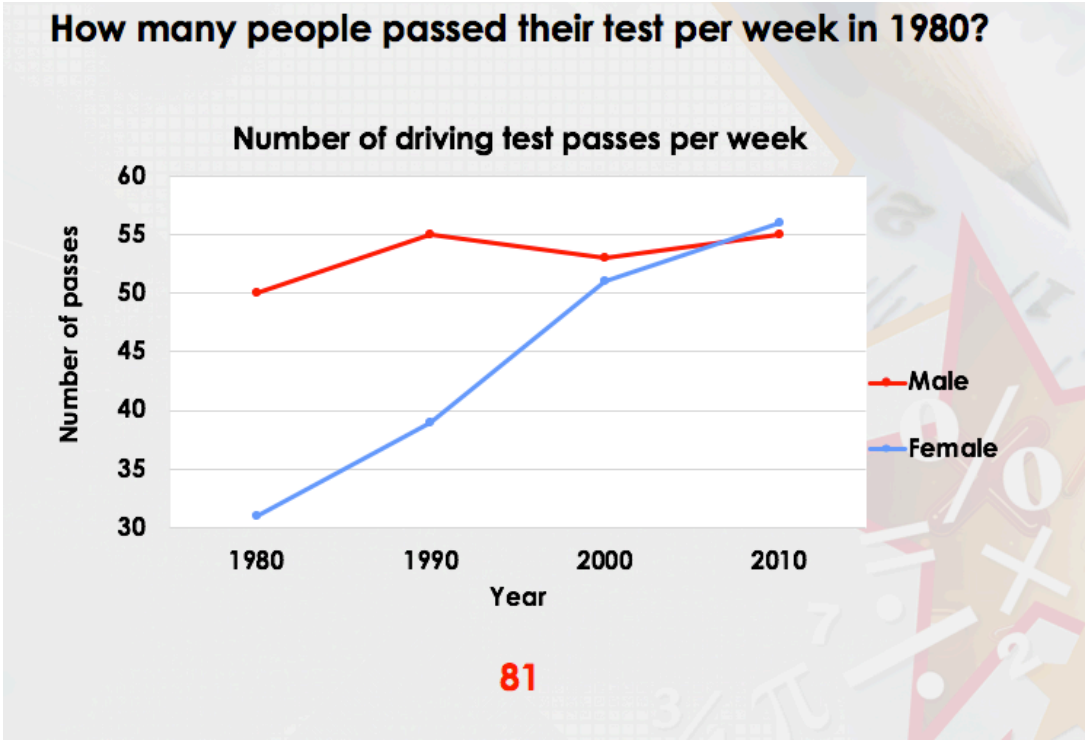
Summer week 8 Lesson 4 – 18.06.20

LO: To solve problems involving line graphs

Success Criteria:

1. Read the problem carefully.
2. Look carefully at what the data is showing you.
3. Use the axes to guide you.
4. Explain your answers clearly and in detail

Model:



To find out how many people passed their tests in 1980 we need to look at both boys and girls.

In 1980 31 Females passed

In 1980 50 Males passed

Altogether – 31 + 50 = 81 people passed their driving test.

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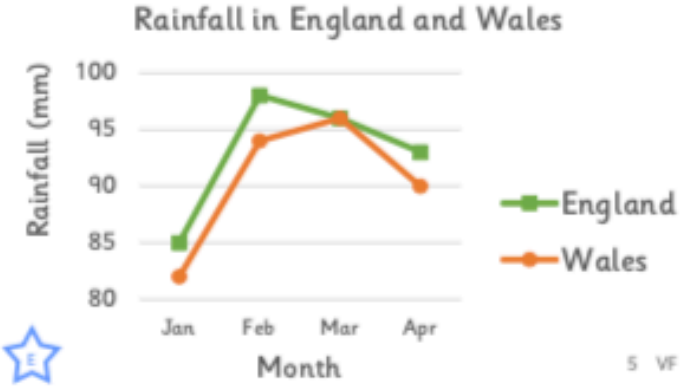
Year 4/5 Maths

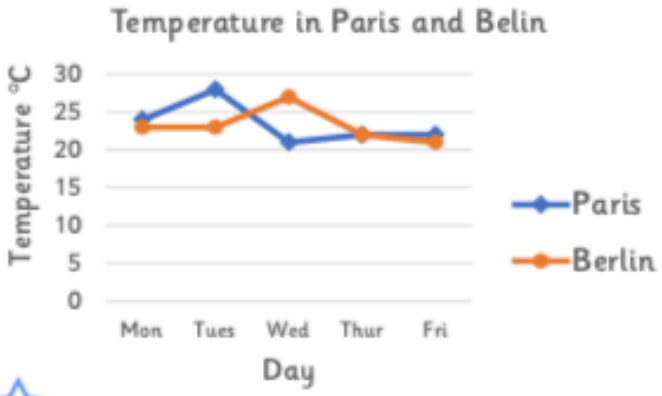
Summer week 8 Lesson 3 – 17.05.20

Mild

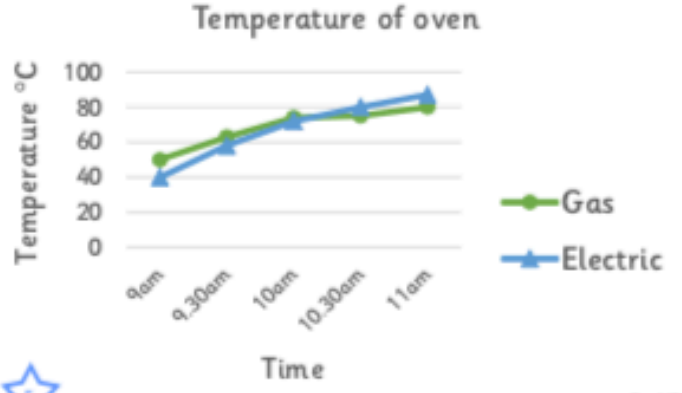
4a. True or false? England's total rainfall in January and February was less than the total rainfall in March and April.



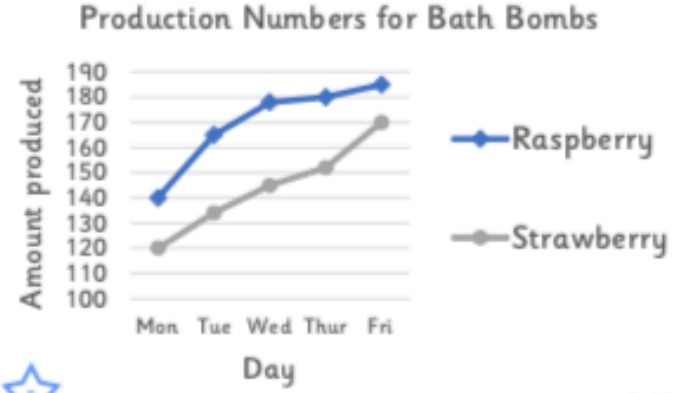
4b. True or false? It was warmer in Paris for 3 days than it was in Berlin.



5a. How much longer did it take for the meat to reach 80°C in the gas oven than the electric oven?



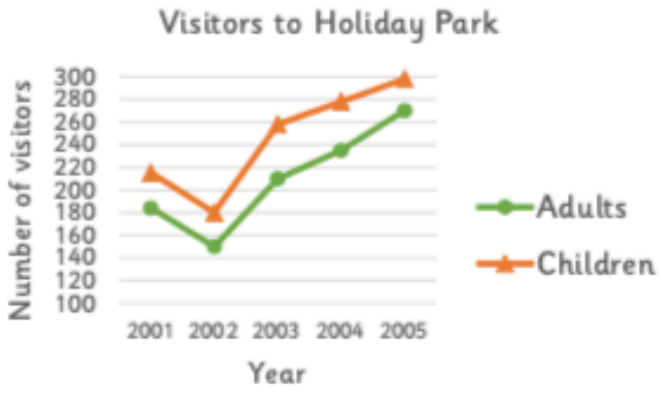
5b. How many bath bombs were produced altogether on Friday?



6a. Complete the sentence.

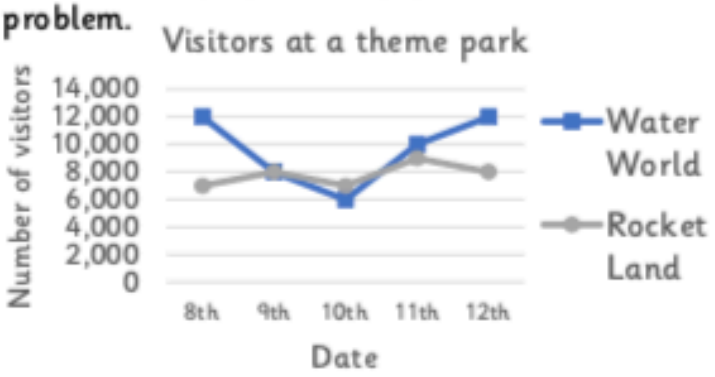
Sales of blue ribbons was higher than sales of red ribbons in _____.

6b. Complete the sentence.



The number of adult visitors increased by _____between 2003 and 2005.

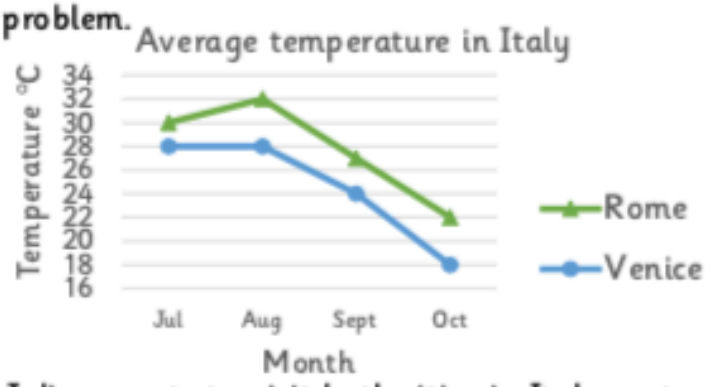
4a. Use this graph to help you solve the problem.



Sarah visited one of the parks the day before Michael. When Michael visited the same park, there were 2,000 fewer visitors than when Sarah visited. When did Sarah visit the park?

5 PS

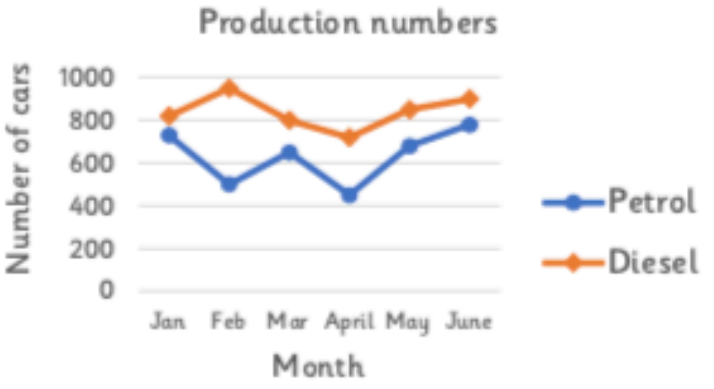
4b. Use this graph to help you solve the problem.



Julian wants to visit both cities in Italy next year. He wants the temperature difference to be less than 4°C and he cannot travel in July. Which month should he visit?

5 PS

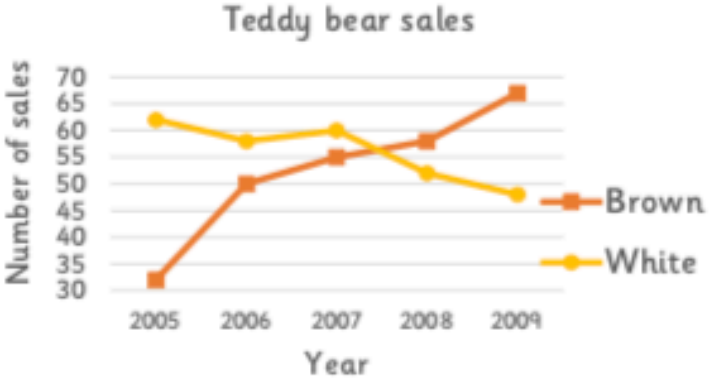
5a. Fill in the missing parts.



50 more petrol cars were made in _____than _____. More diesel cars were produced in _____ and _____ than in May.

5 PS

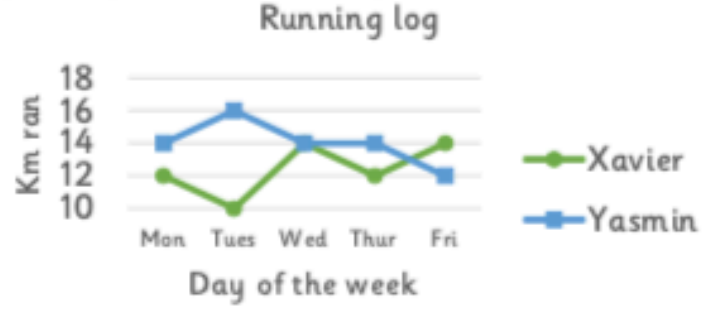
5b. Fill in the missing parts.



_____bears were sold in 2007. The number of white bears sold decreased by _____between 2005 and 2009.

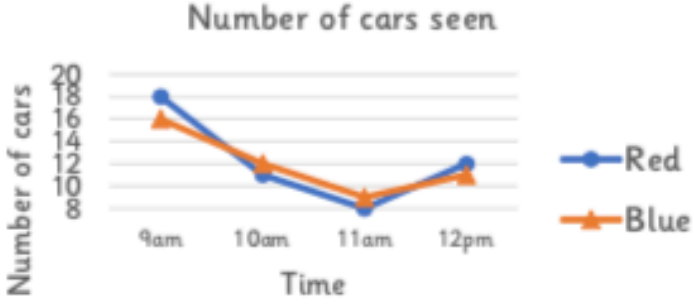
5 PS

6a. Are these statements definitely true, possibly true or definitely false? Convince me.



A) Yasmin ran the furthest across the week.
B) Xavier was the fastest runner.
C) Yasmin ran the longest distance on one day.

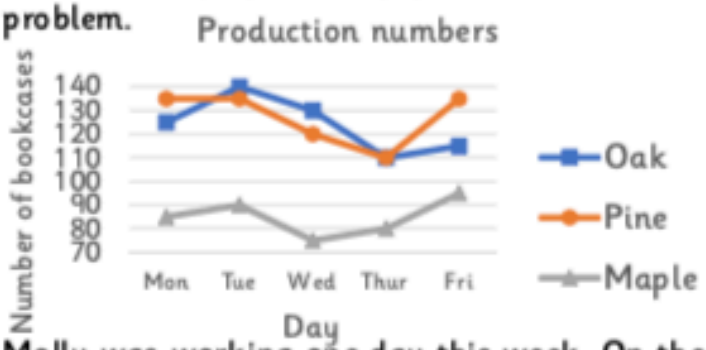
6b. Are these statements definitely true, possibly true or definitely false? Convince me.



A) The roads were the busiest at 9am.
B) More blue cars were seen between 9am and 11am than between 11am and 12pm.
C) There were 59 red cars seen in the morning.

Canonbury Home Learning
Red Hot

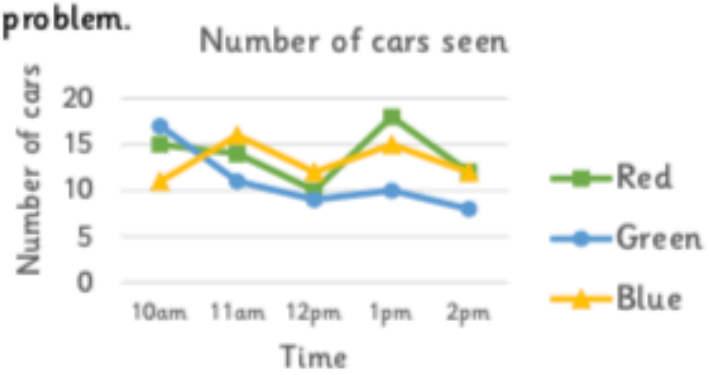
7a. Use this graph to help you solve the problem.



Molly was working one day this week. On the day that she worked, 10 fewer pine bookcases were made than the day before. 300 bookcases were made in total. Which day did she work?

5 PS

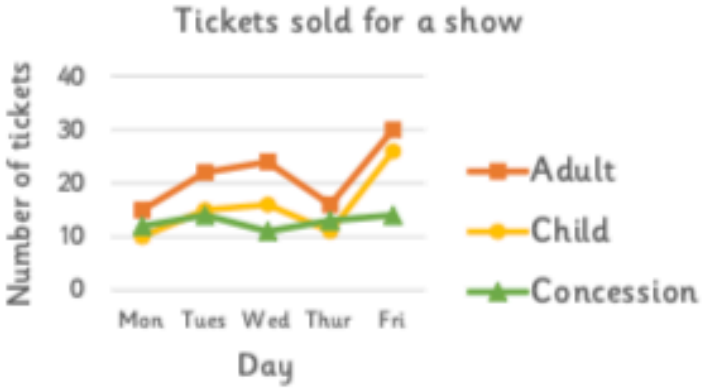
7b. Use this graph to help you solve the problem.



Pascal spent an hour counting cars. He saw a total of 43 cars. He saw more blue cars than in the hours before and after. What time did he start counting cars?

5 PS

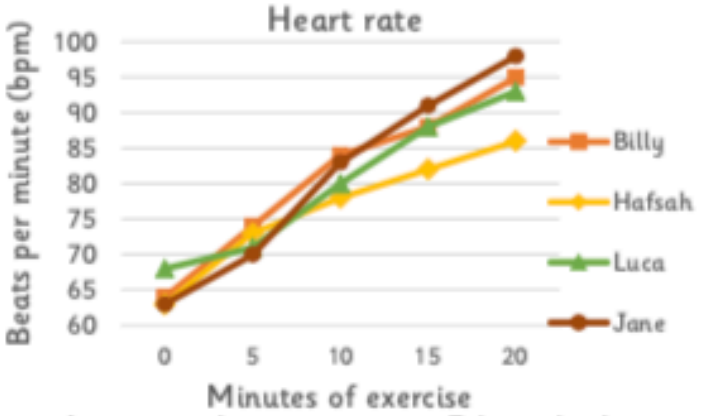
8a. Fill in the missing parts.



More concession tickets were sold than child tickets on _____ and _____. A total of _____ tickets were sold on Wednesday.

5 PS

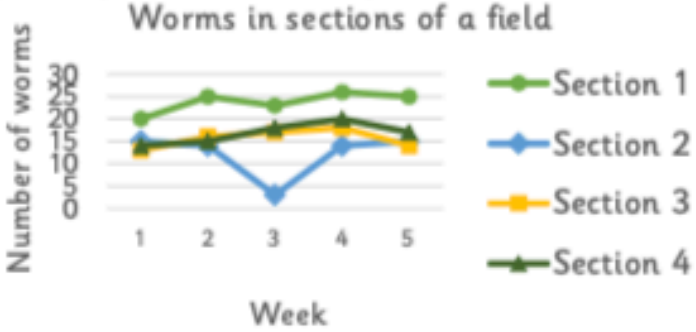
8b. Fill in the missing parts.



_____'s resting heart rate was 5 bpm higher than Jane's. At 10 minutes, Billy's heart rate was _____ bpm faster than Luca's.

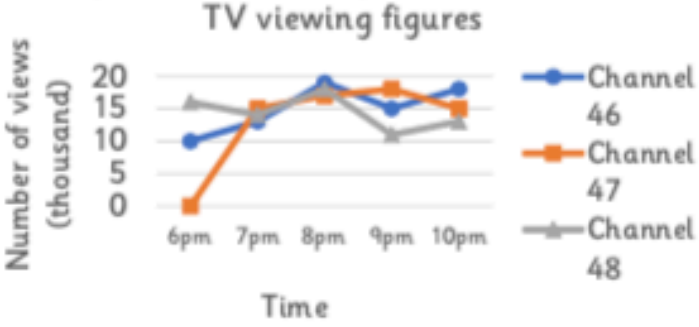
5 PS

9a. Are these statements definitely true, possibly true or definitely false? Convince me.



A) Section 1 had the most worms each week.
B) In week 3, birds had been in section 2.
C) There were 6 more worms in section 3 than section 4 in week 4.

9b. Are these statements definitely true, possibly true or definitely false? Convince me.



A) Channel 47 starts showing at 7pm.
B) More people were watching channel 46 than 48 at 10pm.
C) 54 thousand people were watching TV at 8pm.