Year 4 Home Learning – Monday 13th July

Maths:

- Practise your times tables here on TTRockstars: https://ttrockstars.com/.
- Have a go at the Magic Ten questions.
- Complete the Multiplication Grid.
- Main Lesson: Line Graphs.

English:

- Write a couple of sentences in your diary about your weekend and what you got up to.
- Have a go at the SPaG starter.
- Main Lesson content: Edward Lear.
- Try to read a book for at least 20 minutes. You could read on here: https://my.risingstars-uk.com/Default.aspx?ReturnUrl=%2f
- Write this week's spellings in your neatest handwriting.

History:

- Main lesson content: Mummification.

Maths – Monday 13th July

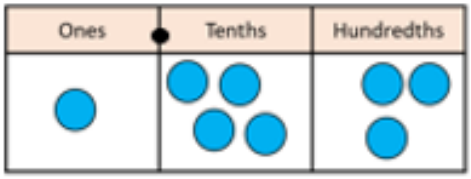
Multiplication Grid:

X	3	6	9	4	2	9	12	20	10	7
7										
3										
6										
2										
5										
10										
12										
5										
74										
40										

Magic Ten:

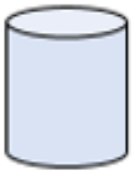
Divide 32 by 100

What number is represented on the grid?



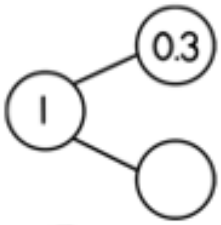
Write $\frac{3}{10}$ as a decimal.

What is 1,000 less than 8,793?



_____

Complete the part-whole model.



Write $\frac{17}{100}$ as a decimal.

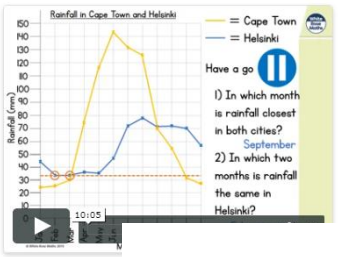
How many tenths are equivalent to $\frac{90}{100}$?

Find the total of 3,476 and 964

_____

Main Lesson: Line Graphs.

Lesson 4 - Line graphs



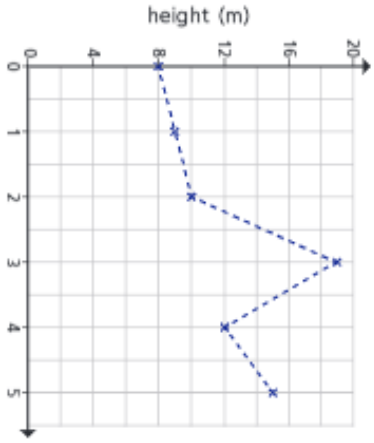
Looking for the worksheets? Contact your child's school to check if they have a subscription to our worksheets. Alternatively, read more here or get some extra practice from BBC Bitesize.

Have a watch of this video first, then complete the worksheets.

Line graphs

White Rose Maths

1 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

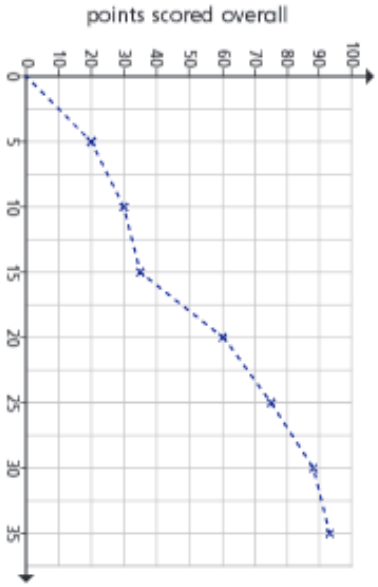
c) What happened in year 3?
What might have caused this?

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				88	93
Points	0						

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.

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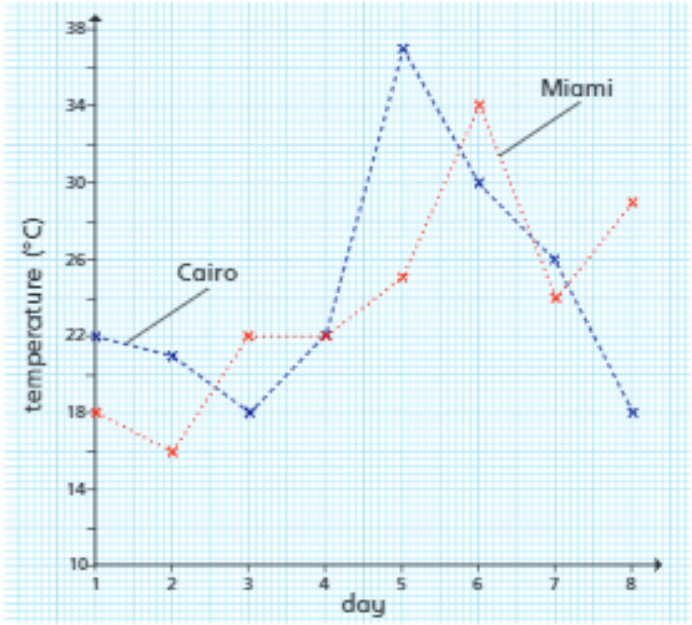
3 The line graph shows the temperatures in Miami and Cairo over 8 days.



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

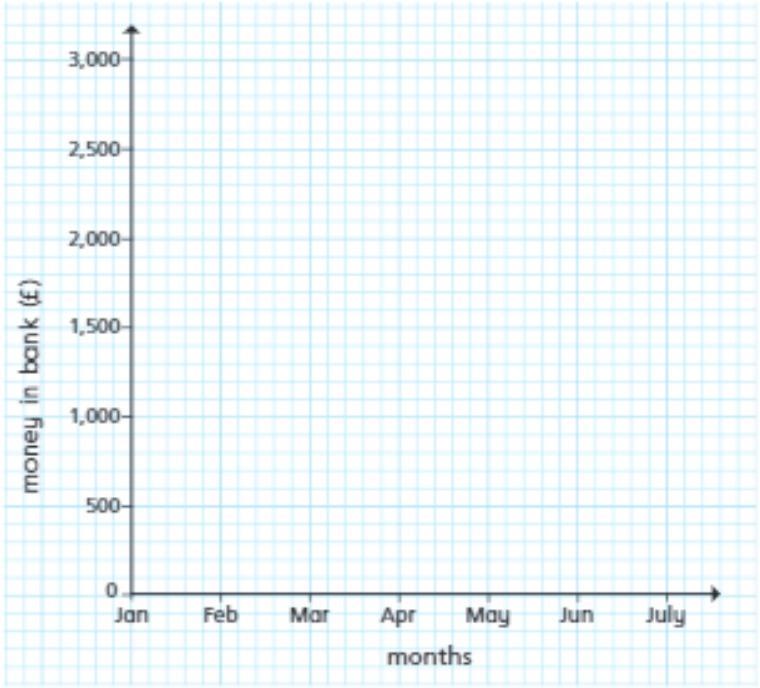
d) On which days was it warmer in Cairo than Miami?

_____

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.

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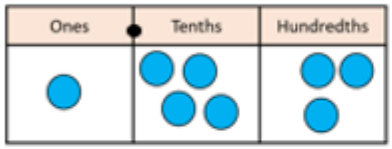
ANSWERS:

x	3	6	9	4	2	9	12	20	10	7
7	21	42	63	28	14	63	84	140	70	49
3	9	18	27	12	6	27	36	60	30	21
6	18	36	54	24	12	54	72	120	60	42
2	6	12	18	8	4	18	24	40	20	14
5	15	30	45	20	10	45	60	100	50	35
10	30	60	90	40	20	90	120	200	100	70
12	36	72	108	48	24	108	144	240	120	84
5	15	30	45	20	10	45	60	100	50	35
74	222	444	666	296	148	666	888	1480	740	518
40	120	240	360	160	80	360	480	800	400	280

Divide 32 by 100 0.32

What number is represented on the grid?



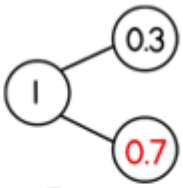
1.43

Write $\frac{3}{10}$ as a decimal. 0.3

What is 1,000 less than 8,793? 7,793

Cylinder

Complete the part-whole model.



Write $\frac{17}{100}$ as a decimal. 0.17

How many tenths are equivalent to $\frac{90}{100}$?

9 tenths

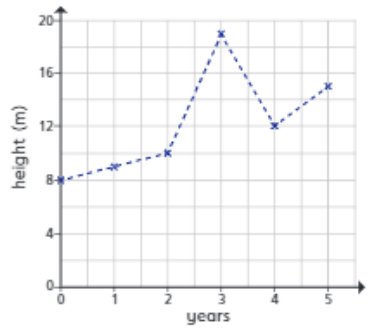
Find the total of 3,476 and 964

4,440

Cube

Line graphs

1 The line graph shows the growth of a tree.

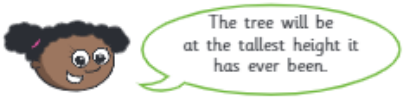


a) What is the difference in height between the start and end of recording? 7 m

b) How much did the tree grow between the 2nd and 3rd year? 9 m

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

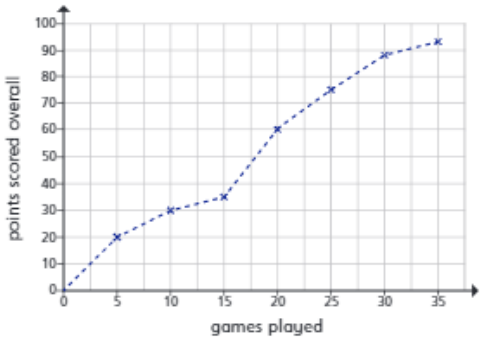
d) By the 6th year the tree grows to three times the height it was in the 1st year.



Do you agree with Whitney? yes

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	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? 45

c) Between which games did the points exactly double?

between game 10 and game 20

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

game 30 and game 35
((or 10 and 15)

e) Estimate how many games it took to score 50 points. 18

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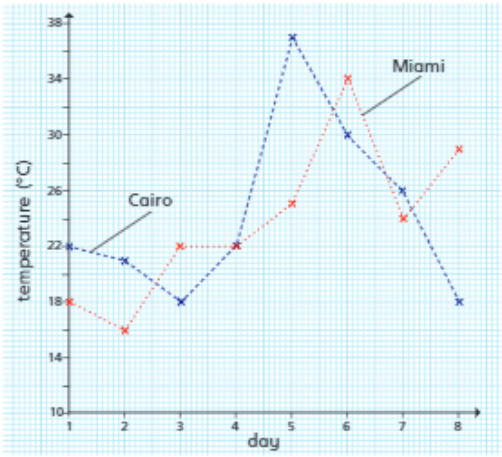
3 The line graph shows the temperatures in Miami and Cairo over 8 days.



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

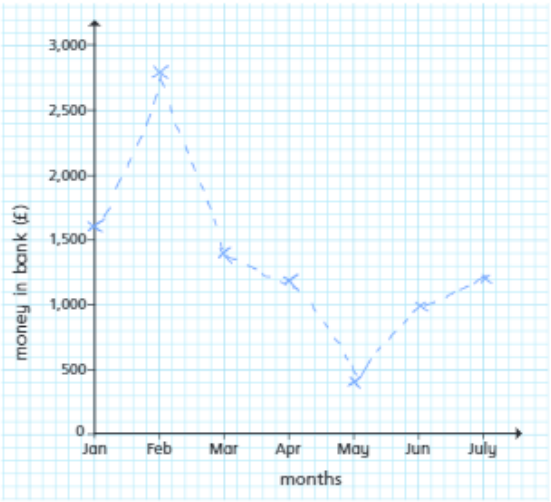
d) On which days was it warmer in Cairo than Miami?

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.



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- The total of March and April combined was £2,600
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- June = Feb – Mar – May

Compare answers with a partner.

English - Monday 13th July

SPaG Starter:

Main Activity:

Read about a writer

- Read *Edward Lear – Biography* and *Edward Lear Facts*.
- Which of these pieces of writing do you think gives the best information? Why? Which three facts about Edward Lear do you find most interesting?
- What other information would you like to research about Edward Lear? Write 3-5 questions.

Edward Lear – Biography

Edward Lear lived from 1812 to 1888, in the Victorian period. He was good at all sorts of things. He illustrated books about birds and animals with beautiful drawings, and painted colourful pictures of all the places he travelled to in the world. He played the guitar and the flute and wrote lots of songs. He was also a well-known writer of stories and poems. He is most famous nowadays for writing 'nonsense verse' – quirky poems full of funny ideas and words that have a strong rhythm and lots of rhyming. Lear also liked writing a special kind of funny poem called a 'limerick'.

Edward Lear - Five Facts

Because Edward Lear had so many brothers and sisters (twenty of them altogether!), he was mainly looked-after by his big sister, Ann. His tired Mum was too busy with all the other children!	Poor Edward was not a very healthy person. He suffered from a disease called epilepsy and he did not have very good eyesight. That is why most photographs or drawings of Lear show him wearing little round glasses.	Edward Lear was only 19 years old when he wrote his first book. Funnily enough, for someone who became famous for nonsense verse and limericks, it was a serious book about parrots.	When you mention limericks, everyone thinks of Edward Lear. In fact, Lear did not invent limericks and he never even called his poems limericks, preferring to say they were 'nonsense poems'.	Edward loved travelling. During his life he visited Italy, Greece, Egypt, Switzerland and Malta. He did all his travelling before cars, aeroplanes or coaches had been invented, so it took Lear weeks and weeks to get to these countries from England.

Read and listen to a poem

- Read *The Owl and the Pussycat by Edward Lear*. Read it twice - in your head and out loud.
- You can listen to the poem being sung as a song here https://www.youtube.com/watch?v=Cpi_jT2QMMs .
- What do you like about the poem? Is there anything that you dislike about it? What patterns can you spot in it?
- Sort the *Events* from the poem into the right order.

The Owl and the Pussy-cat

The Owl and the Pussy-cat went to sea
In a beautiful pea-green boat,
They took some honey and plenty of money,
Wrapped up in a five-pound note.
The Owl looked up to the stars above,
And sang to a small guitar,
"O lovely Pussy, O Pussy my love,
What a beautiful Pussy you are,
You are,
You are!
What a beautiful Pussy you are!"

Pussy said to the Owl, "You elegant fowl!
How charmingly sweet you sing!
O let us be married! Too long we have tarried:
But what shall we do for a ring?"
They sailed away, for a year and a day,
To the land where the Bong-Tree grows
And there in a wood a Piggy-wig stood
With a ring at the end of his nose,
His nose,
His nose,
With a ring at the end of his nose.

"Dear Pig, are you willing to sell for one shilling
Your ring?" Said the Piggy, "I will."
So they took it away, and were married next day
By the Turkey who lives on the hill.
They dined on mince, and slices of quince,
Which they ate with a runcible spoon;
And hand in hand, on the edge of the sand,
They danced by the light of the moon,
The moon,
The moon,
They danced by the light of the moon.

Edward Lear

Events

Cut out and sort or use numbers to show the order of events in the poem.

	The Pig agrees to sell his nose ring for a shilling so that the Owl and the Pussycat can use it to get married.
	The Owl and the Pussycat take some honey and some money and set off to sea in a pea-green boat.
	They sail on and arrive in the land of the Bong-Tree, where they meet a Pig who has a ring on the end of his nose.
	The Owl and the Pussycat are married by the Turkey who lives on the hill.
	They decide to get married but realise that they do not actually have a wedding ring.
	The Owl sings and plays his guitar and tells the Cat how very beautiful she is.
	The pair finish their lovely evening by dancing together on the seashore by the light of the moon.
	The two animals have a wedding feast at which they eat mince and slices of quince. They use a runcible spoon to eat their quince slices.

Handwriting - Monday 13th July

possible

potatoes

pressure

probably

promise

purpose

quarter

question

recent

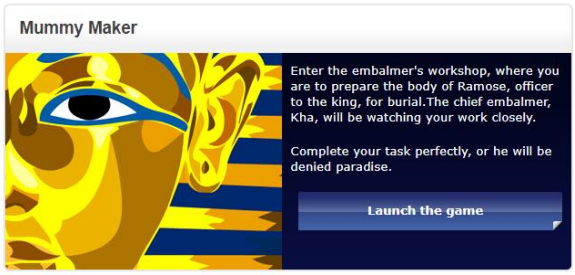
regular

History – Monday 13th July

Main lesson content: Mummification.

Have a watch of this video on the mummification process:
https://www.bbc.co.uk/teach/class-clips-video/history-social-studies-ks2-mummification-in-ancient-egypt/zdcrkmn

Then, have a go at this game:



http://www.bbc.co.uk/history/interactive/games/mummy_maker/index_embed.shtml

Finally, have a go at this activity: https://www.bbc.co.uk/bitesize/articles/zrcg2sg
Scroll down to the bottom of the page to watch this video: