

Year 6 - Day 28

Good morning year 6 team!



Have a great day all!

Mr Anderson, Mrs Kerrison and Ms Rozental

Year 6 - Day 28

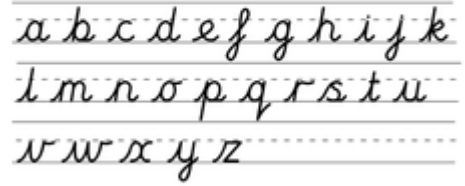
Write the long date and 'Day 28'

Handwriting :

Six javelins thrown by the quick savages
whizzed forty paces beyond the mark.

A pangram is a sentence that uses all the letters of the alphabet at least once. Using your line guide, copy this pangram in your neatest writing.

Letter Formation



Handwriting Top Tips:

- Tall letters and capitals go all the way to the top of the line gap
- All shorter letters should be the same height as each other
- Try to make all upwards strokes (lines) parallel

English Task : Doors

Today, we are going to finish our theme of 'doors' by writing our own portal stories! Once you have finished, we would love to read your stories, so please upload them to Dojo!

Follow the link below, to the Talk 4 Writing booklet on the Summerlea Website. You will then need to scroll down to page 16, Activity 10 "Writing your own story."

<https://www.summerlea.w-sussex.sch.uk/attachments/download.asp?file=6900&type=pdf>

TTRockstars: Log in and complete at least one 'Garage' and one 'Studio' task.

My Maths : Log in and complete today's lesson and homework task.



Arithmetic: Copy or stick these questions into your exercise books.
The numbers of the sections may not go in order! Don't worry about this.
The answers are at the bottom of this document.

Section 1

Round the following numbers to the nearest 1 million.

4 500 000

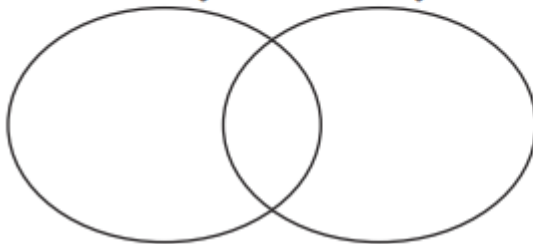
2478 375

7499 000

Section 2

Use this Venn Diagram to write the common factors of 8 and 12.

Factors of 8 Factors of 12



Section 3

Double a number is 42. What is the number?

Section 6

Calculate the area and perimeter of the following rectangle.



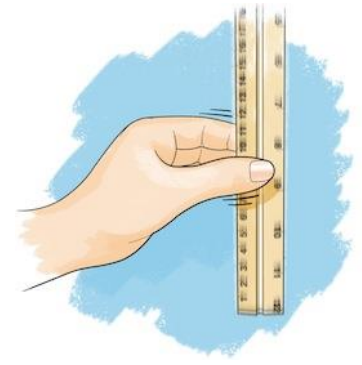
area =

perimeter =

*not to scale

Maths investigation: Reactions

For this investigation, you will need a ruler (ideally a 30cm one). If you don't have one, you could make one using cardboard, or you could ask to use a wooden spoon, and use small pieces of tape to mark centimetres (so that you can remove them once you are done!).



We would like you to investigate the reaction times of everyone at home with you. To do this, you will need to:

1. Ask them to hold their hand out, with their thumb and forefinger ready to pinch sideways (as in the picture). To be extra scientific, you could measure the gap between their thumb and finger, and make sure this is the same each time you repeat.
2. You hold the ruler above the gap between their thumb and finger, with the ruler's zero lined up with the top of their thumb.
3. Without giving them any warning, drop the ruler. They have to try and catch it with a pinch.
4. Write down the number where they are pinching the ruler.
5. Repeat the test on the same person 10 times, and record the result each time.

You could use a table like this to record your results:

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---------|------|------|------|------|------|------|------|------|------|------|
| Mum | 19cm | 22cm | 21cm | 24cm | 17cm | 20cm | 17cm | 21cm | 18cm | 18cm |
| Brother | 12cm | 10cm | 13cm | 14cm | 9cm | 11cm | 13cm | 10cm | 12cm | 11cm |

Next, can you work out the 'mean' for each person? The 'mean' is an average, which is useful for taking a list of numbers and finding a single number to represent them. To find the mean, add up all ten numbers to find a total, then divide this total by 10.

Finally, can you make a 'conjecture'? A conjecture is like a suggestion of something that you think could be true. For example, "The older you are, the slower your reactions" or "If you are left handed, your reactions will be quicker with your left hand."

Geography: Volcanoes

Today, we are going to learn how volcanoes work! Start by following this link, where you will be able to read about volcanoes.

<https://www.3dgeography.co.uk/what-is-a-volcano>

- Can you draw a diagram of a volcano like the one below?
- Can you label the diagram below? (Use the list of words below)
 - Can you write a definition of each word?



Main vent _____

Secondary vent _____

Crater _____

Secondary cone _____

Layers of ash and lava _____

Ash clouds _____

Ash _____

Volcanic bombs _____

Magma chamber _____

Lava flow _____

Maths Answers

Answers

Section 1

Round the following numbers to the nearest 1 million.

4 500 000

5 000 000

2478 375

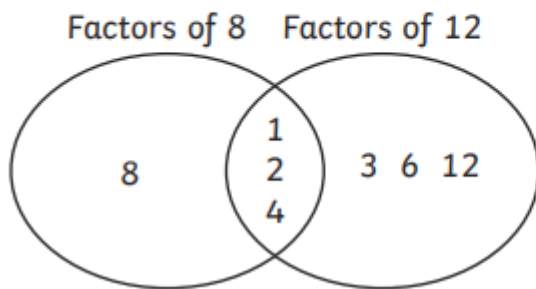
2 000 000

7499 000

8 000 000

Section 2

Use this Venn Diagram to write the common factors of 8 and 12.



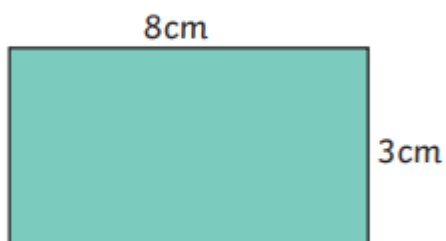
Section 3

Double a number is 42. What is the number?

21

Section 6

Calculate the area and perimeter of the following rectangle.



area = 24cm²

perimeter = 22cm

*not to scale

