

Please find examples of work on the topics covered in class by class 7 this week. As last week there are PowerPoints to support the work which will be posted to Class Story on Class dojo on Sunday evening.

Mr S

### Percentages Work

Watch the PowerPoint about percentages on class dojo and try to find the following percentages of 280.

30%      15%      45%      12%      7%      47%      18%

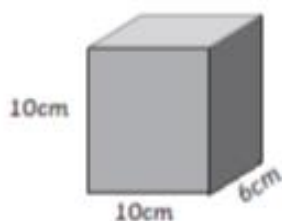
### Volume of Cubes and cuboids

Watch the BBC bite size clip on volume <https://www.bbc.co.uk/bitesize/topics/zjbg87h/articles/z3jrxfr> and try to find the volume of the shapes on the next sheet.

# Calculate Volume of Cuboid Activity Sheet (1)

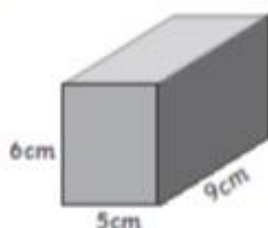
Calculate the volume of the following cuboids.

1.



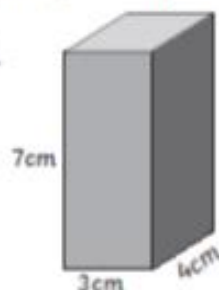
Volume =

2.



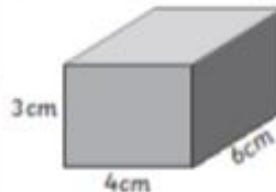
Volume =

3.



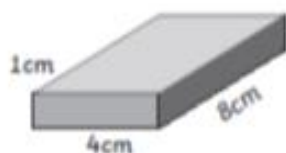
Volume =

4.



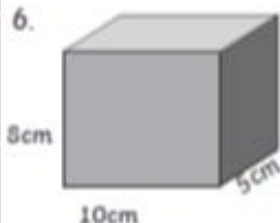
Volume =

5.



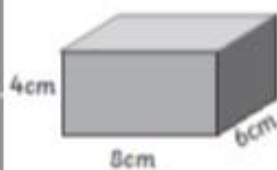
Volume =

6.



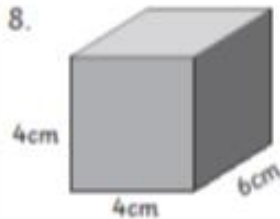
Volume =

7.



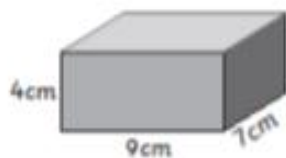
Volume =

8.



Volume =

9.



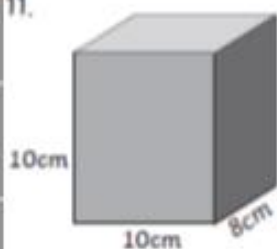
Volume =

10.



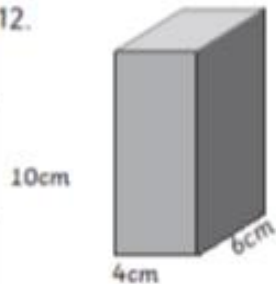
Volume =

11.



Volume =

12.

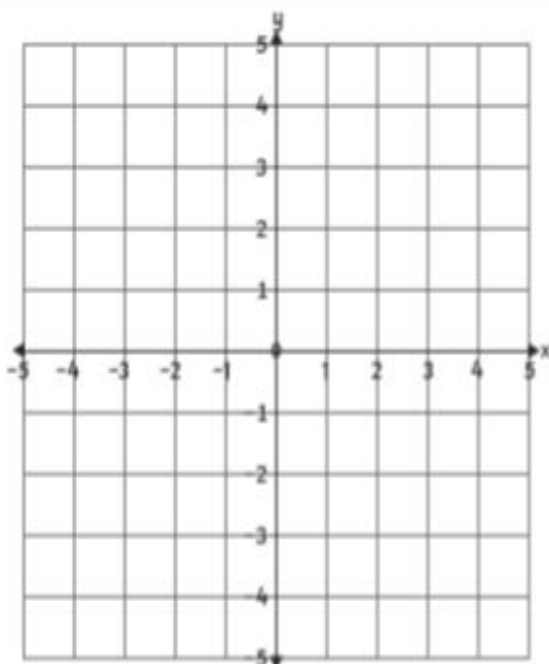


Volume =

## Challenge

Draw 3 different cuboids with a volume of  $24\text{cm}^3$ , writing the dimensions. Your drawings don't need to be to scale.

Look at the Power Point on Co-ordinates on Class dojo and answer the questions below



- 1) a) Here are the coordinates of three vertices of a parallelogram where the secret agent found evidence. Plot these on the grid. Remember to label each vertex.



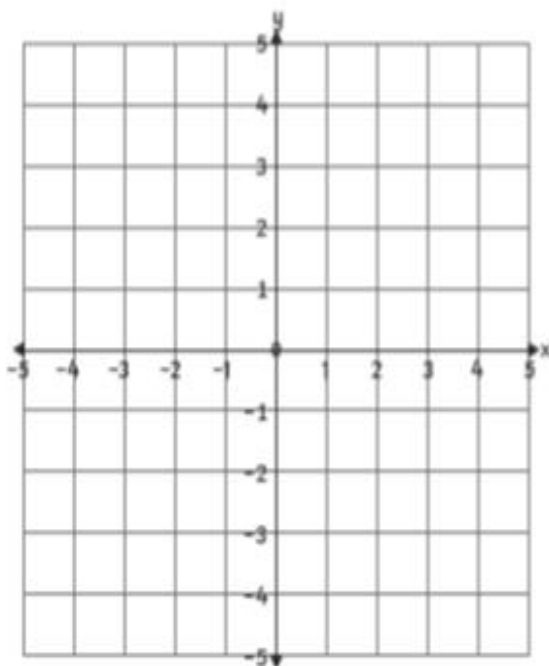
Vertex A:  $(-1, 2)$

Vertex B:  $(-3, -2)$

Vertex C:  $(2, -2)$

- b) Now plot vertex D, labelling its coordinates on the grid.

- c) Complete the drawing of the parallelogram to show where the evidence was found.



- 2) The secret agent needs to draw two congruent isosceles triangles on this grid for surveillance.

Here are some of the coordinates of the vertices of both triangles.

$(-1, 4)$   $(1, 4)$   $(5, 4)$   $(-3, -4)$

- a) Plot the above coordinates on the grid.

- b) Use these coordinates to help you plot the missing vertices of each isosceles triangle. Then, draw each triangle on the grid so that the secret agent can complete her route.



In English we are learning about Persuasive writing.

Look at the PowerPoint I have put on class do jo and after you have read it pick some topics on slide 11 to write a persuasive letter about.

## Design and Technology

In DT we are making slippers look at the video below and see if you can make some of your own.

<https://www.youtube.com/watch?v=XwMdlBwGat8>

## Computers

Please see lesson 2 of Scratch PowerPoint on class dojo.

Unfortunately, children cannot access the Monster Maze activity at home.