

Maths - Week Starting 22nd June – 8.3A and 8.3B

Lesson 1

Go on to Mathswatch and find clip 21b – “Cuboids – Surface Area”.

Watch the video carefully, answering the questions when you are asked to pause.

ALTERNATIVELY: If you prefer to use MyMaths go to “Nets, surface area” and look at the lesson carefully. Only go as far as number 5 in the menu as we are only looking at cuboids.

When you have used Mathswatch or MyMaths then do the questions on the worksheet below. Print it out if you can or copy into exercise books.

I will send you the answers next week.

Lesson 2

Go on to Mathswatch and find clip 21a – “Cuboids – Volume”.

Watch the video carefully, answering the questions when you are asked to pause.

Also I want you to use MyMaths for this topic. Go to “Volume of Cuboids” and work through the lesson carefully.

Then do the MyMaths task which will appear as a homework.

Aim for at least 80%.

Lesson 3

I want you to print out or copy into your book the worksheet for Lesson 3.

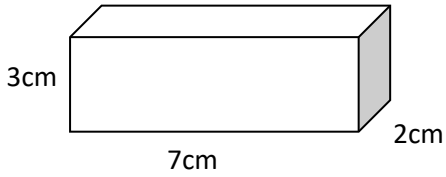
Find at least 8 different cuboids in your home. They could be small like a pack of cards, medium sized like a cereal box or larger like a piece of furniture.

Measure the length, width and height of each one as accurately as you can using a ruler or tape measure.

Write the measurements in the table and calculate the volume of the cuboid.

Remember to include the units – it could be cm for the measurements and cm cubed for the volume.

Lesson 1 Worksheet



Surface Area of Cuboids

Area of front:

Area of back:

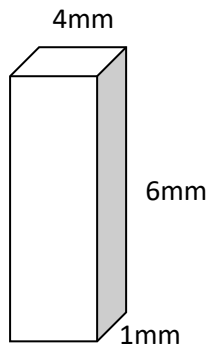
Area of side:

Area of side:

Area of top:

Area of bottom:

Total surface area:



Area of front:

Area of back:

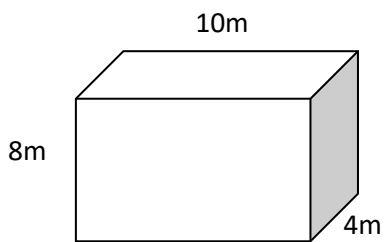
Area of side:

Area of side:

Area of top:

Area of bottom:

Total surface area:



Area of front:

Area of back:

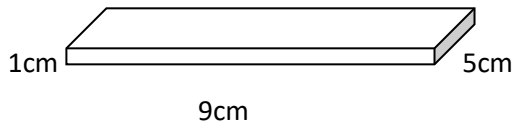
Area of side:

Area of side:

Area of top:

Area of bottom:

Total surface area:



Area of front:

Area of back:

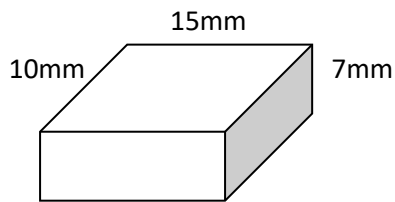
Area of side:

Area of side:

Area of top:

Area of bottom:

Total surface area:



Area of front:

Area of back:

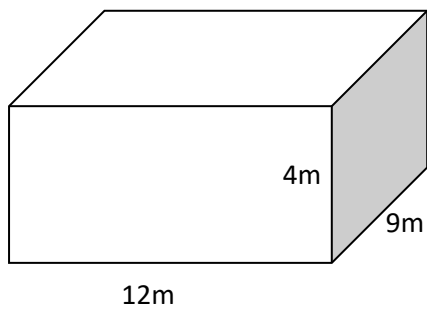
Area of side:

Area of side:

Area of top:

Area of bottom:

Total surface area:



Area of front:

Area of back:

Area of side:

Area of side:

Area of top:

Area of bottom:

Total surface area:

