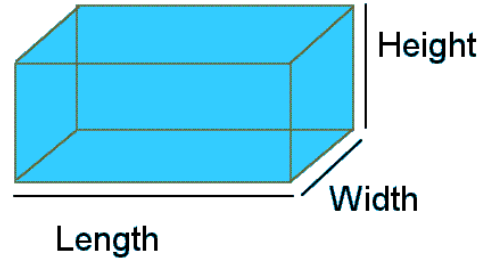


Rectangular Prisms in your Home

Search around your house for 3 rectangular prisms. It may be a cereal box, tissue box, or puzzle box, etc. Watch the video on how to measure your box.

How to measure a box!



Predict which boxes have the greatest surface area and order them from greatest to least.

1. _____
2. _____
3. _____

Now calculate the surface area of each.

Box 1

What kind of box are you measuring?

What is the length of your box in inches?

What is the width of your box in inches?

What is the height of your box in inches?

Calculate the surface area by finding the area of the

Front _____

Back _____

Left _____

Right _____

Top _____

Bottom _____

What is the total surface area?

Box 2

What kind of box are you measuring?

What is the length of your box in inches?

What is the width of your box in inches?

What is the height of your box in inches?

Calculate the surface area by finding the area of the

Front_____

Back_____

Left_____

Right_____

Top_____

Bottom_____

What is the total surface area?

Box 3

What kind of box are you measuring?

What is the length of your box in inches?

What is the width of your box in inches?

What is the height of your box in inches?

Calculate the surface area by finding the area of the

Front _____

Back _____

Left _____

Right _____

Top _____

Bottom _____

What is the total surface area?

Now order the surface area of the boxes from least to greatest.

1. _____ 2. _____ 3. _____

Was your prediction accurate?

Now add a picture of your 3 rectangular prisms to this [Padlet](#).