



Surface Area & Volume of 3-D Figures Investigation

Name: _____

With your partner, make the 3-D solid your teacher assigns you. Sketch the solid and a net of the solid you made.

Solids	
Sketch	Net
Measure the dimensions of the solid and record those on both the sketch and the net above.	
Discuss with your partner a strategy for determining the surface area of the solid. Write your strategy below.	
Strategy:	
Apply your strategy:	

PC _____ TC _____





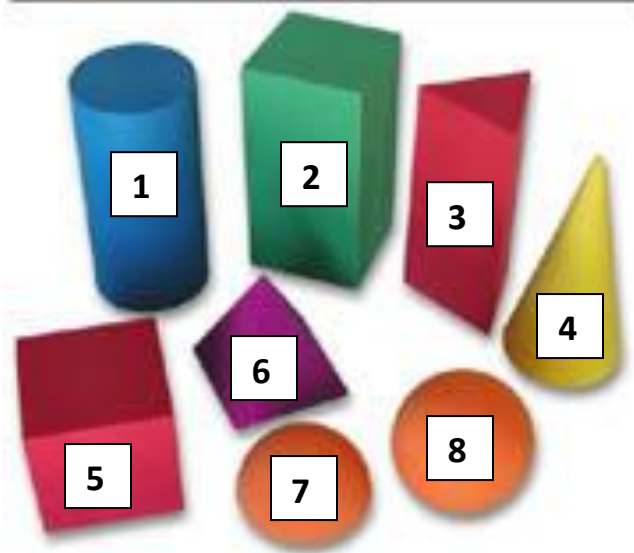
Volume is...

How does volume differ from area?

To find the volume of a solid you simply:



Identify each of the following solids and the base of each:



Solid	Name	Base	Area formula for base
1			
2			
3			
4			
5			
6			
7			
8			

Using your data from the surface area investigation, find the volume of your solid.

PC _____ TC _____

