

Create a Composite Shape

1. Create a three-dimensional composite object, and describe how someone could calculate the surface area and volume.
2. Include all of the steps and important details for them.

You may use sketches, concrete objects, or another method of your choice to help support your thinking!

Consider:

What two objects did you use?

What is the surface area of Object 1? Object 2?

What is the volume of Object 1? Object 2?

What is the total surface area? Total volume?
Is there a relation? Explain.

Volume of Stacked Cylinders

Objects	Surface area calculations	Volume calculations
Object 1		
Object 2		
Total calculations		