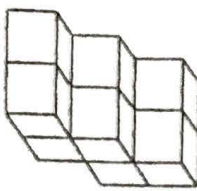


Name _____

CHALLENGE #1



1. Build the cube structure above.

2. Find the surface area of the structure.

Do this by counting the flat, square surfaces facing you when looking at each of six sides of the structure.

What is the surface area?

_____ square units

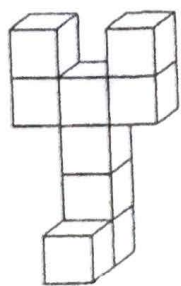
3. Find the volume of the structure.

Do this by counting the number of cubes you used to build the structure.

What is the volume?

_____ cubic units

CHALLENGE #2



1. Build the cube structure above.

2. Find the surface area of the structure.

Do this by counting the flat, square surfaces facing you looking at each of six sides of the structure.

What is the surface area?

_____ square units

3. Find the volume of the structure.

Do this by counting the number of cubes you used to build the structure.

What is the volume?

_____ cubic units