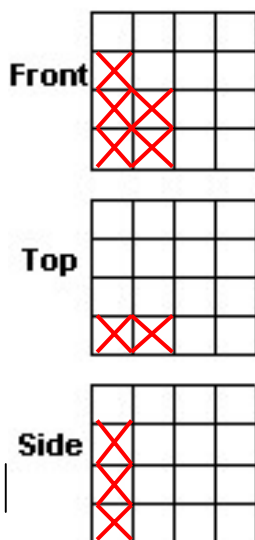# Cube-n-ometry Worksheet Key
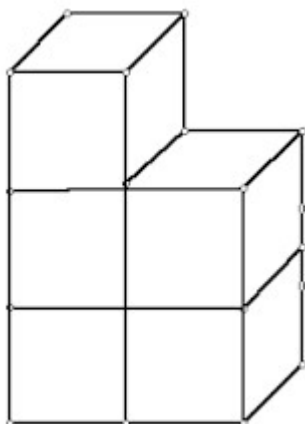
Name _____ Date _____
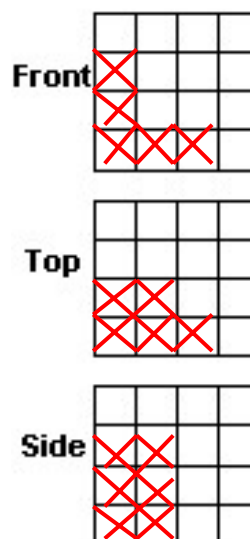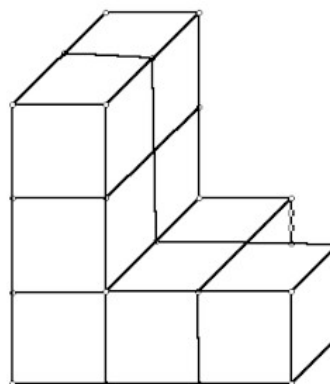
1. Draw the views in the grids below for the following three-dimensional block figure.

Front

Top

Side

_____

2. Using the figure and views above. What would be the surface area for this figure? (1 centimeter cubes)

   A. 10 cm^2
   B. 18 cm^2
   C. 20 cm^2
   D. 22 cm^2

3. Draw the views in the grids of the following three-dimensional block figure.

Front

Top

Side

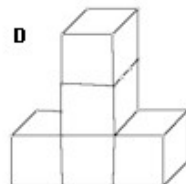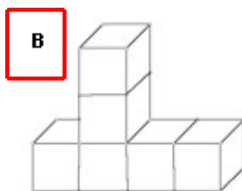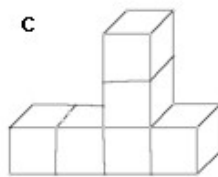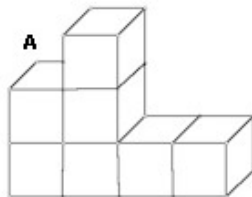4. Using the figure and views above. What would be the volume for this figure? (1 centimeter cubes)
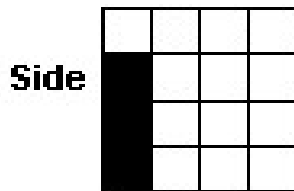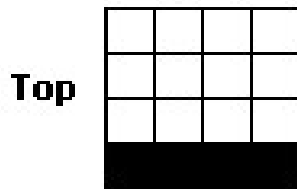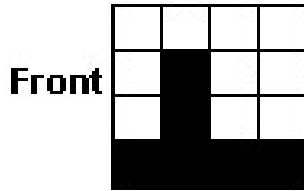
   A. 7 cm^3
   B. 8 cm^3
   C. 9 cm^3
   D. 10 cm^3

Cube-n-ometry Worksheet Key

Name _____   Date _____

5. Match the views below to the correct three-dimensional block figure.

Front
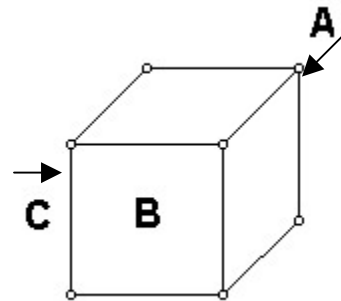
Top

Side

A   C

B   D

6. List one reason why each field would need different views:

A. Scientist – To study small organisms, get pictures of objects that cannot be seen with the eye, to study the world around them

B Architect – To construct a building that fits into the surrounding neighborhood or to get a feeling for what architectural features should be present
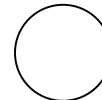
7.

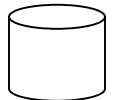Match the letter above to its correct name.

__B__   face

__C__   edge

__A__   vertex

8. Tell if the shapes below are three-dimensional (3-D) or two-dimensional (2-D).
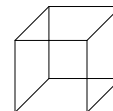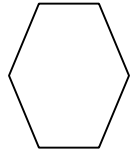
__2-D__   ◯   __3-D__

__3-D__   __2-D__

9. What one word can be used to describe a three dimensional figure, but not a two-dimensional figure?

A. length
B. width/depth
C. height
D. measurable

Cube-n-ometry Worksheet Key

Name _____   Date _____