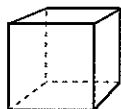
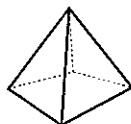


Reteach**3MG2.5***Solid Figures*

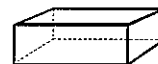
The objects you see around you are solid figures. A solid, or 3-dimensional figure, is a figure that has length, width, and height.



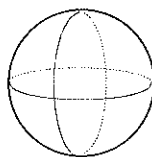
cube



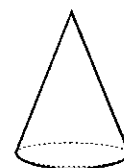
pyramid

rectangular
prism

cylinder



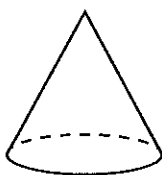
sphere



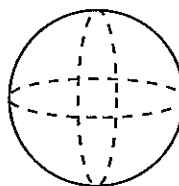
cone

Identify each solid figure.

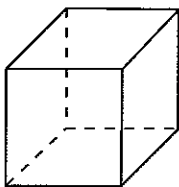
1.



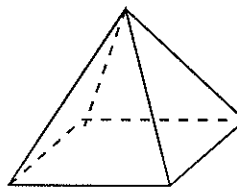
2.



3.



4.



Reteach**3MG1.2***Measurement: Volume*

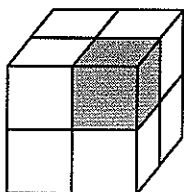
A **cubic unit** is a unit of volume.



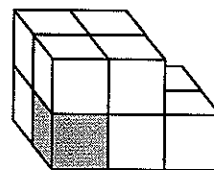
Volume is the number of cubic units a solid figure holds.

You can use cubes to help you find volume. Count the cubes.

This figure has a volume of 8 cubic units.

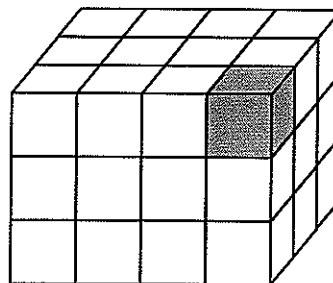


This figure has a volume of 10 cubic units.



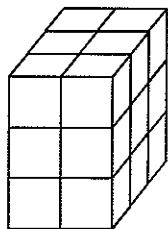
Use the figure at the right to answer 1-5.

1. The top layer has _____ cubic units.
2. The middle layer has _____ cubic units.
3. The bottom layer has _____ cubic units.
4. How many cubes are there in all? _____
5. The volume is _____ cubic units.

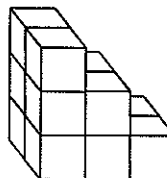


Find the volume of each solid figure.

6.



7.

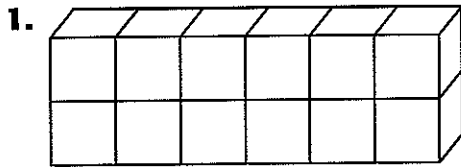


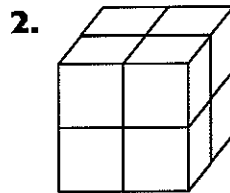
Skills Practice

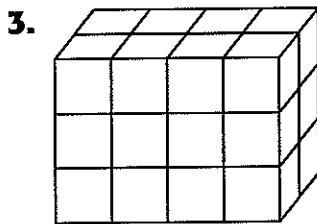
3MG1.2

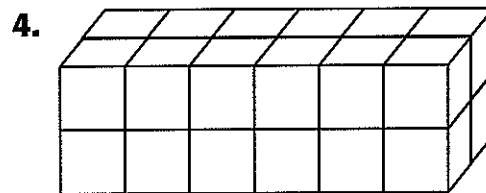
Measurement: Volume

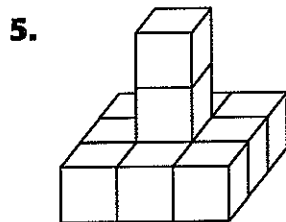
Find the volume of each solid figure.

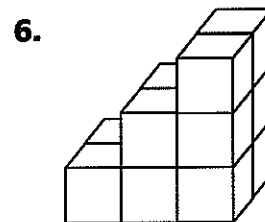


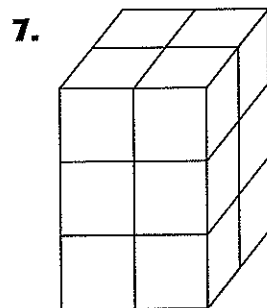


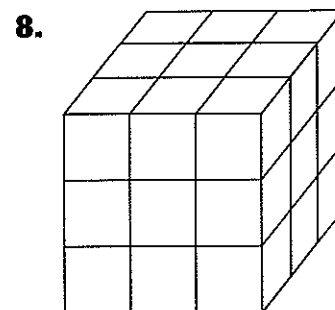












Nets for Solid Figures

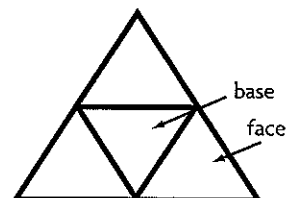
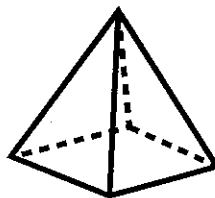
A **net** is a two-dimensional pattern for a three-dimensional prism or pyramid.

Look at the net at the right.

- It has 1 triangular base.
- It has 3 triangular faces.

Think about how you could fold it to make a solid figure.

- It folds into a triangular pyramid.

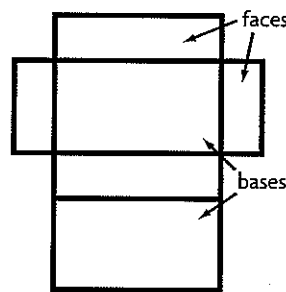


Look at the second net at the right.

- It has 2 rectangular bases.
- It has 4 rectangular faces.

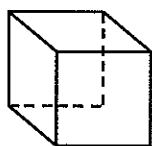
Think about how you could fold it to make a solid figure.

- It folds into a rectangular prism.

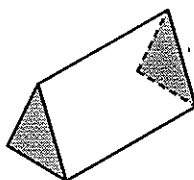


Match each solid figure with its net.

1.



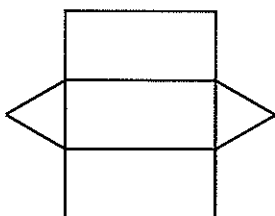
2.



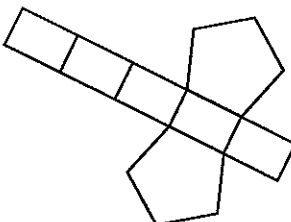
3.



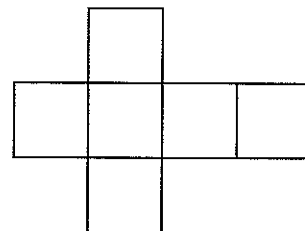
a.



b.



c.

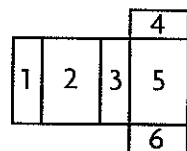
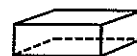
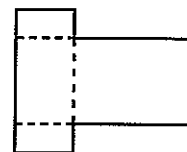


Patterns for Solid Figures

You can make a three-dimensional figure from a two-dimensional pattern called a **net**. Look at the net at the right. Can you see how it forms the three-dimensional rectangular prism?

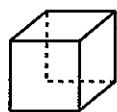
Take another look at the net, and count the faces.

Since the three-dimensional rectangular prism has 6 faces, the net must also have 6 faces.

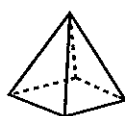


Draw a line from the three-dimensional figure to its net.

1.



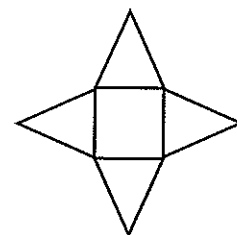
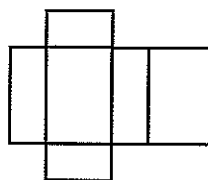
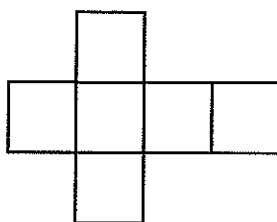
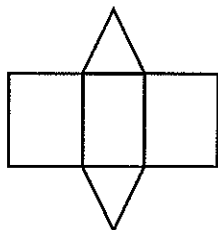
2.



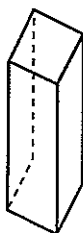
3.



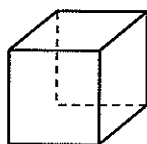
4.



5.



6.



7.



8.

