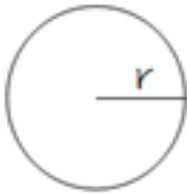


Do-now:

Individually fill in the area formula sheet to the best of your knowledge.

Circle

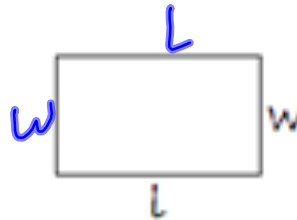


$$A = \pi r^2$$

$$C = 2\pi r$$

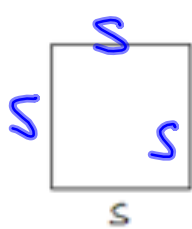
$$= \pi d$$

Rectangle



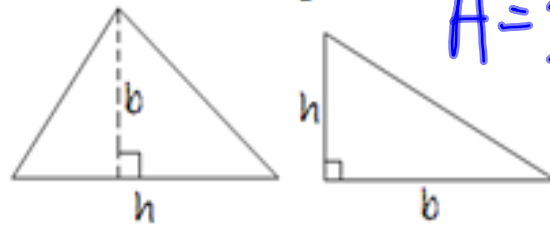
$$A = lw$$

Square



$$A = s^2$$

Triangle



$$A = \frac{1}{2}bh$$

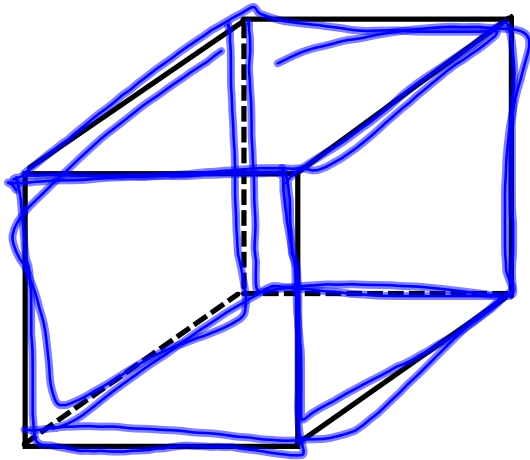
What is area?

the amount of space

Something covers

units², sq. units

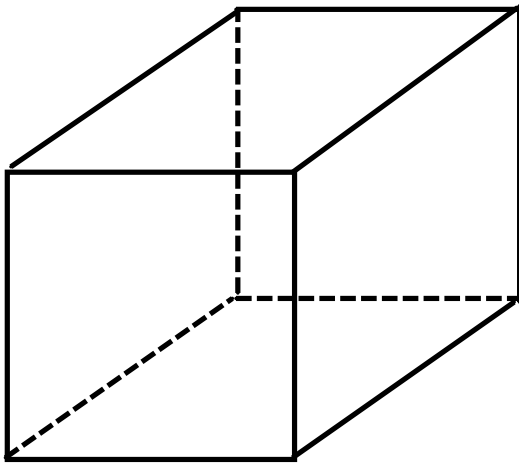
THREE-DIMENSIONAL FIGURES



What is surface area?

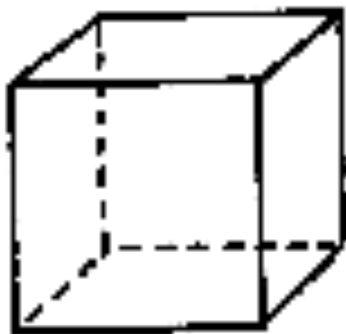
the sum of the area
of the faces on
a 3-D figure

What is lateral area?

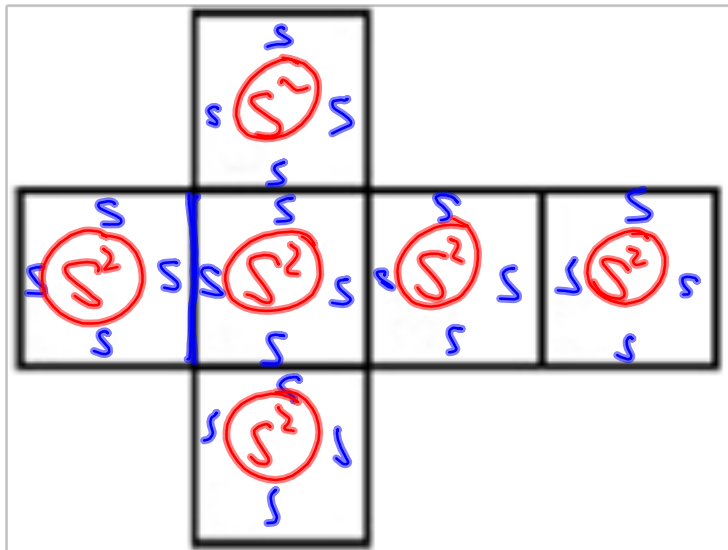


the sum of
the area of
all the faces
except the
base(s).

1. Cut out each shape.
2. Label EVERY side for every face.
3. Develop the surface area and lateral area formulas.



S



THINGS TO BE MINDFUL OF:

1. When you close the net to make the 3-D figure, the sides that meet should be labeled the same thing!
2. Since a circle doesn't have a "side", you can label its "side" using the circumference formula.

*** This should be a clue for labeling parts of the cylinder and cone!**

