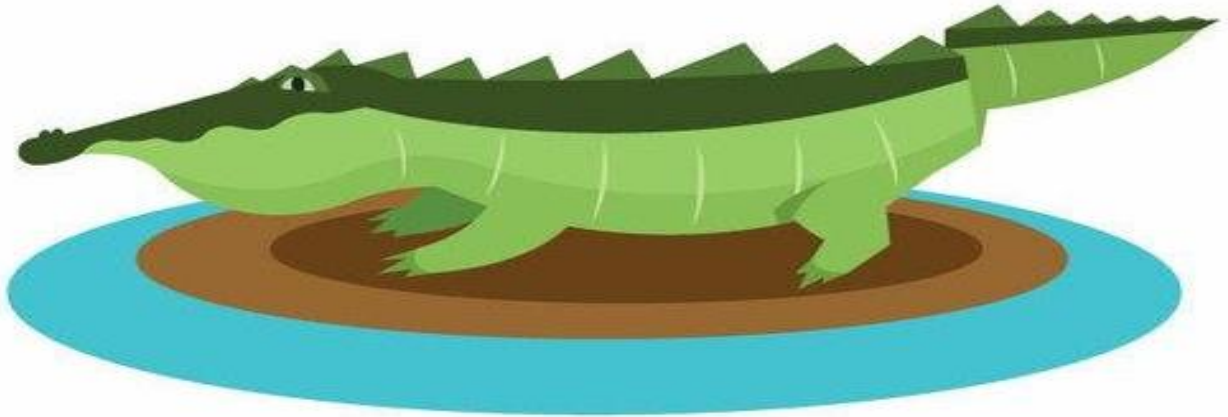




1. Use linking cubes or Unifix cubes to measure how long (from head to tail) this alligator is (number of blocks).

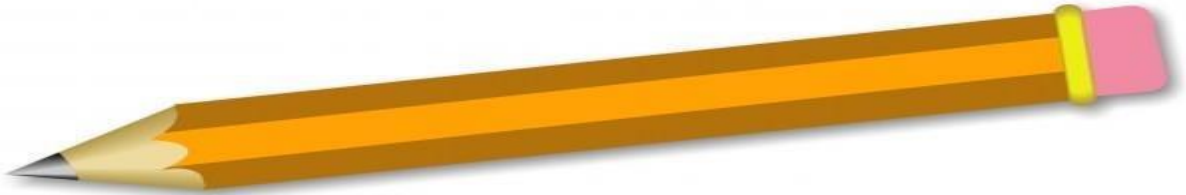
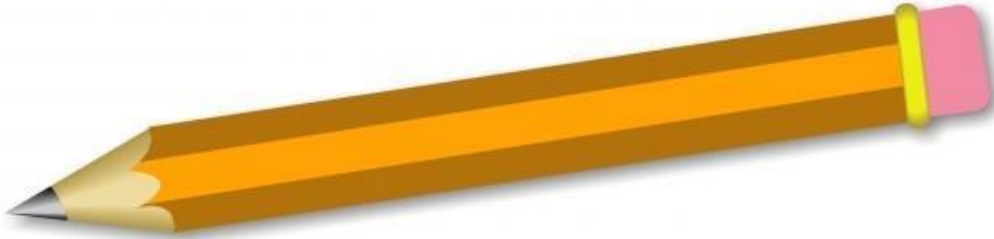




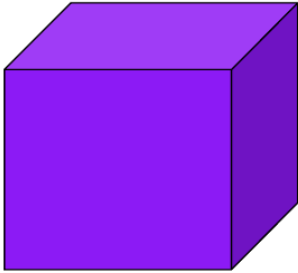
2. Without measuring, how many cubes long do you think the length of this pencil is?

Smallest possible length (fewest cubes)	My estimate for length	Biggest possible length (most cubes)

3. Which pencil is longer?



4. Which box would hold less water?





5. Get a partner, and cut a piece of string (the string lengths should be different for each partner).
- a) Each partner use the string to measure how tall a (book shelf, chair, desk, table,...) is.
 - b) Why did you get different numbers?

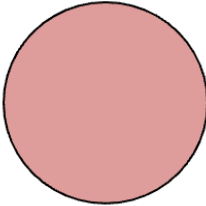
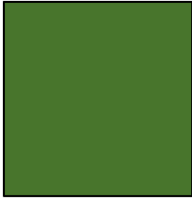
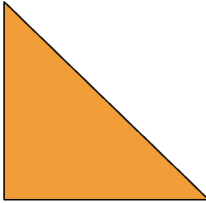

6. Using a part of your body (length of a finger, fingertip to elbow, width of a hand) estimate the width of your desk.



7. Find a person in class whose foot is longer than yours.

8. Use a piece of string or rope to help you figure out about how far it is around a tree.

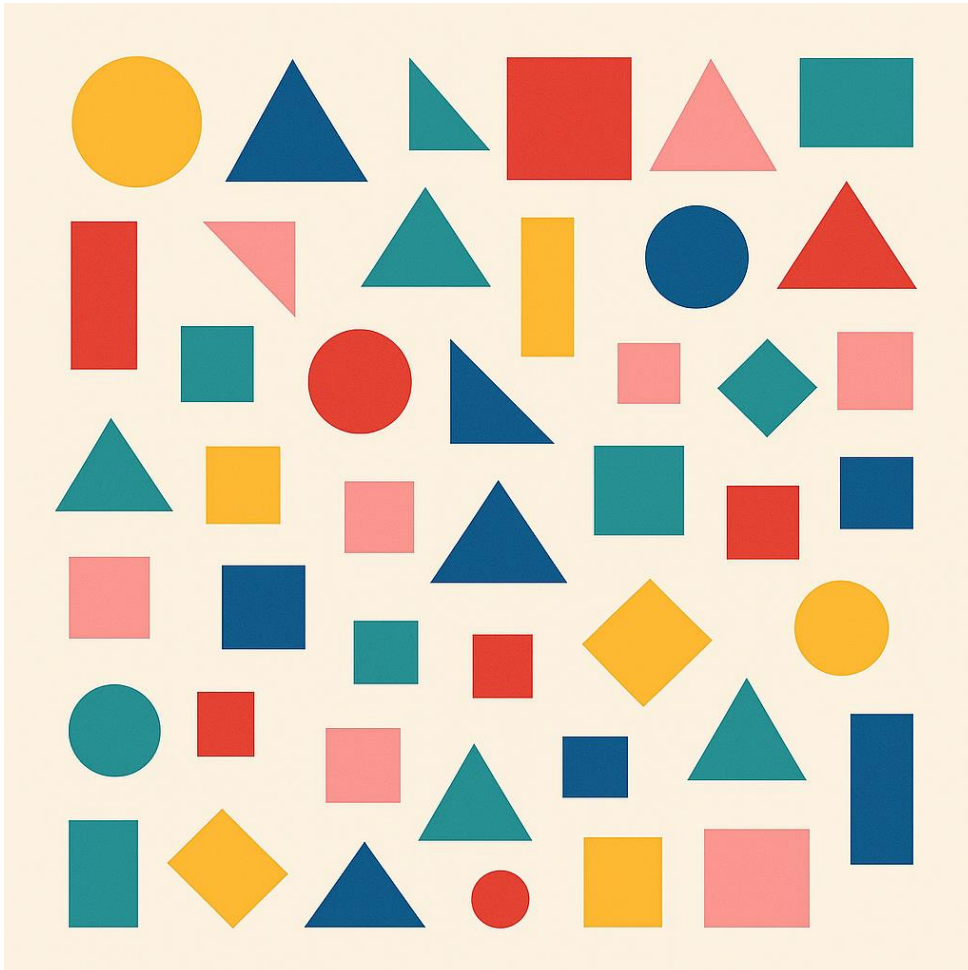
1. Complete the chart for each shape (add more shapes for students ready for them - pentagon, hexagon, rhombus, oval/ellipse, kite, trapezoid,...)

Name	Picture	Number of sides (edges)	Number of corners	Drawing
circle				
				
triangle		3		
				

2. Choose a shape from the chart in question 1. Where do you see it in the classroom?

3. Look at the following image.

Which shapes are similar? Which shapes are different?



4. Tell me one thing about each of these objects (use a class set of geometric solids, they do not need to know the name for all of the solids):

a) Pyramid

b) Cube

c) Rectangular Prism

d) Sphere

e) Cylinder

f) Triangular prism

5. Cut this rectangle into two pieces. (Provide rectangles and scissors)

What can you tell me about the pieces you cut?



6. Choose 2 or more shapes from your tangram set.
Put them together to form a new shape.
Draw (or trace) the shape.
How many sides does it have?



7. How many different types of shapes with 4 sides can you draw?