

Sizes of geometry

Overview: Remembering and visualizing most shapes is pretty easy, right? An octagon can be a challenge for some (it has eight sides, while the commonly-confused hexagon has six sides). In this activity, we are going to use our memory to try to recall and draw some everyday objects such as a quarter, a playing card, and more, at their actual size. What objects around your house can you think of to use and test yourself?

Materials

- Pencil
- Paper
- A dollar bill, a button, a playing card, an eraser, or any other random item

Activity: For each of the following listed below, draw each one to scale to the best of your ability *without* looking at the original object first.

1. dollar bill
2. button
3. playing card
4. quarter
5. can opener
6. piece of chewing gum (before it's chewed)
7. paperclip

8. eraser

9. stick of butter

10. pinkie toe

So, how did you do? Were you able to get the size of your dollar pretty close to its actual size? How many objects were you able to closely estimate the size of in your sketches?