

**SHADOW FRACTIONS**

1) Use the shapes on the table to make shadows.  
Compare the size of the shape to its shadow.

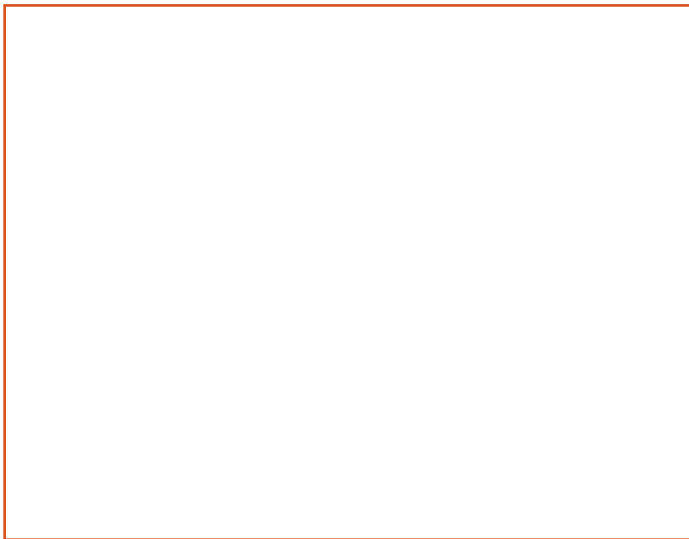
Try different places and different shapes.

Draw and label one thing you tried.



2) Place two of the bunnies so their shadows are the same size.

Describe where you put the bunnies in words, as a drawing or in another way.



3) **Tree Challenge!** Use one tree to make a shadow.

Predict what line you should use for another tree to make the shadows the same size.

Tree #1 is \_\_\_\_\_ squares tall.

Tree #1 is on line \_\_\_\_\_.

I predict tree #2 should be on line \_\_\_\_\_ for the shadow to be the same size as the shadow of #1.

Tree #2 is \_\_\_\_\_ squares tall.

	Squares tall	Line#
Tree #1		
Tree #2		_____Predict!

4) **Compare the house shadows.** Make the shadows all the same size. Fill in the table with your data.

Line #	Small house	Mid-size house	Big house
	2		8
		5	10

Make up a shadow challenge for a friend to try. Try it out with other kids.