

Choose an Activity!

l. Use a ruler, protractor, and a sheet of paper to create 3 rectangles that are all similar. Want a challenge? Make 3 triangles that are all similar. Label all sides and angles.

2. Use Activity Sheet I or 2 to create a poster or comic strip showing how to use shadows to find indirect measure.

3. Use Activity Sheet 3 to draw similar figures in the grid provided.

4. Use Activity Sheet 4 and create your own similar pictures. Use your imagination!

5. Use Activity Sheet 5 to create at least 3 of your own groundhog shadow indirect measure problems. Include illustrations and an answer key.

Date:

Indirect Measure and Similar Figures

1	-	11
2		12
3	-	13
4	-	14
5		15
6		16
7	_	17
8		18
9		19

10.____

20.____

Name:

Date: _____

Indirect Measure and Similar Figures KEY

$$11. m = 12 yd$$

$$2.b = 4 \, \text{m}$$

$$12.c = 25 in$$

$$14. x = 4.5 \text{ km}$$

$$5. n = 45 m$$

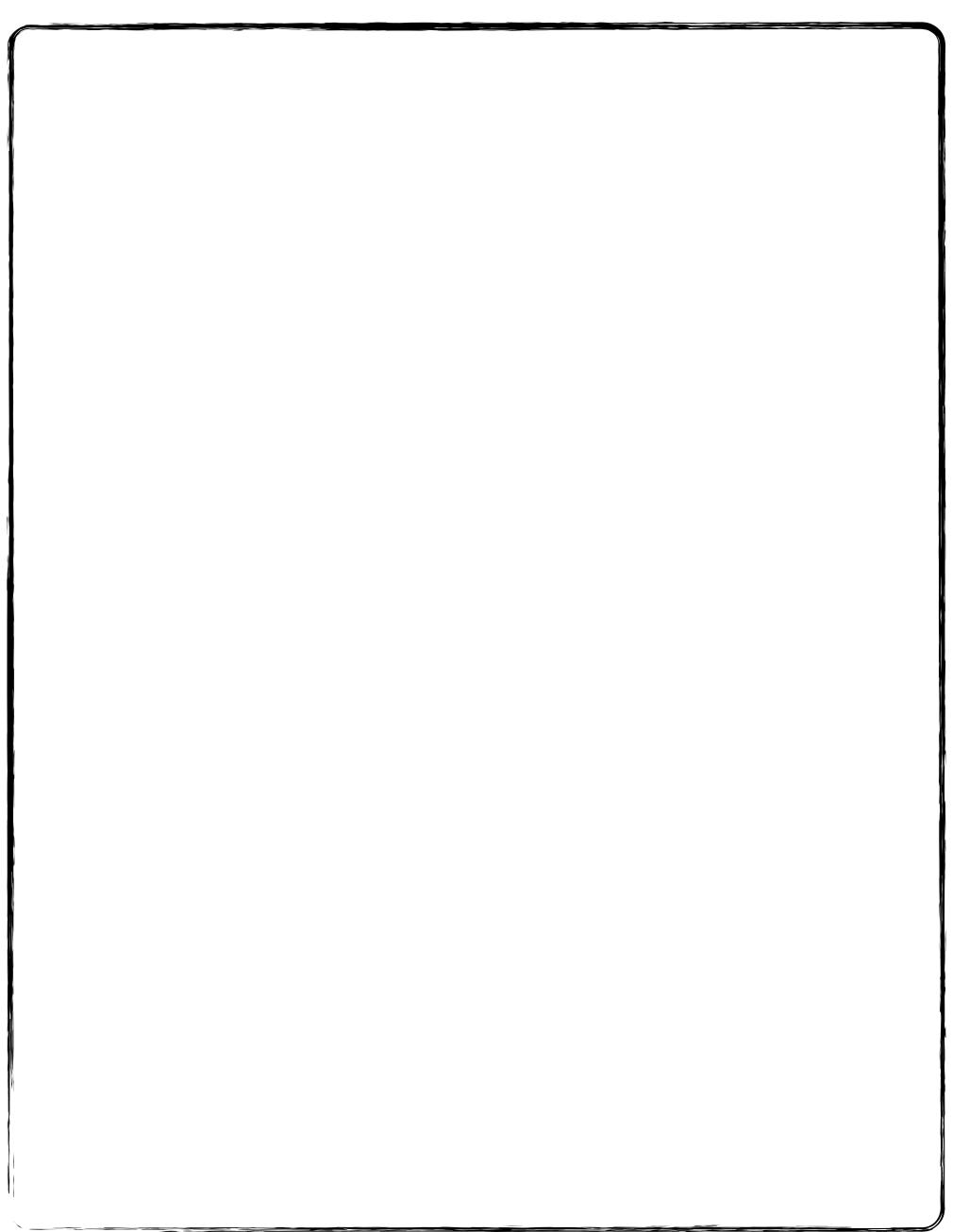
$$15. p = 102 degrees$$

8.
$$w = 6 in$$

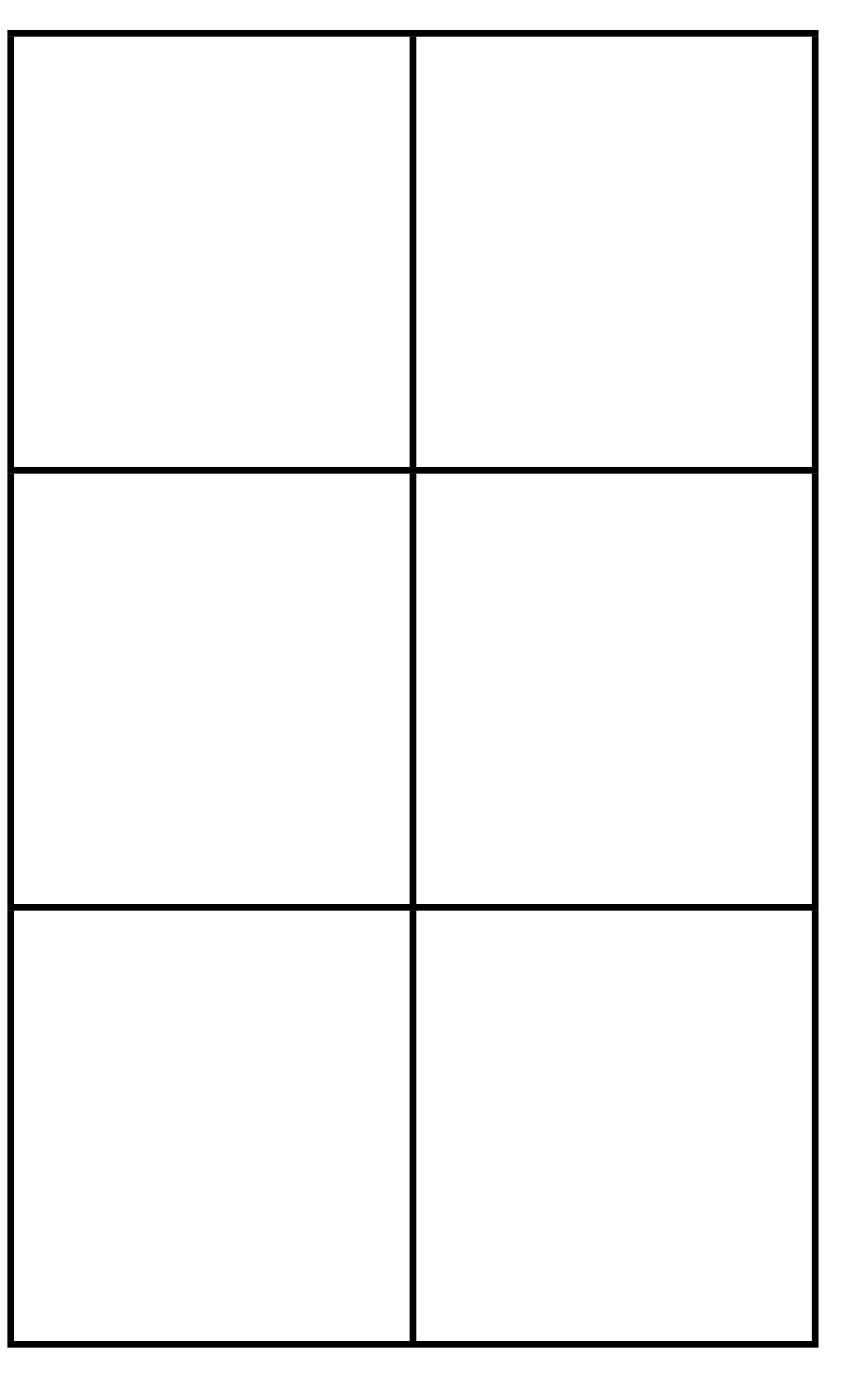
$$9.a = 6 in$$

19.
$$k = 12$$
 in

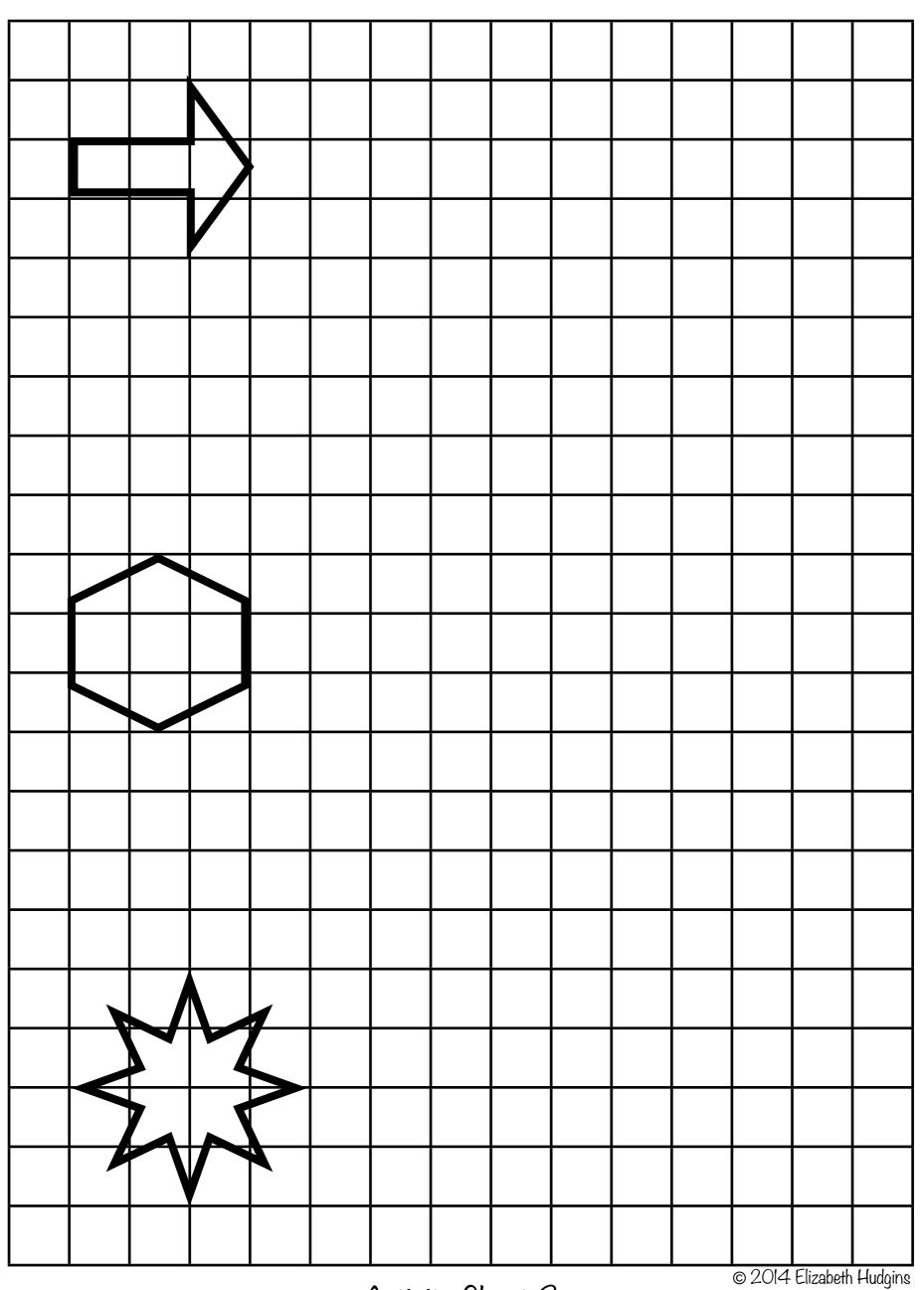
Indirect Measure Poster



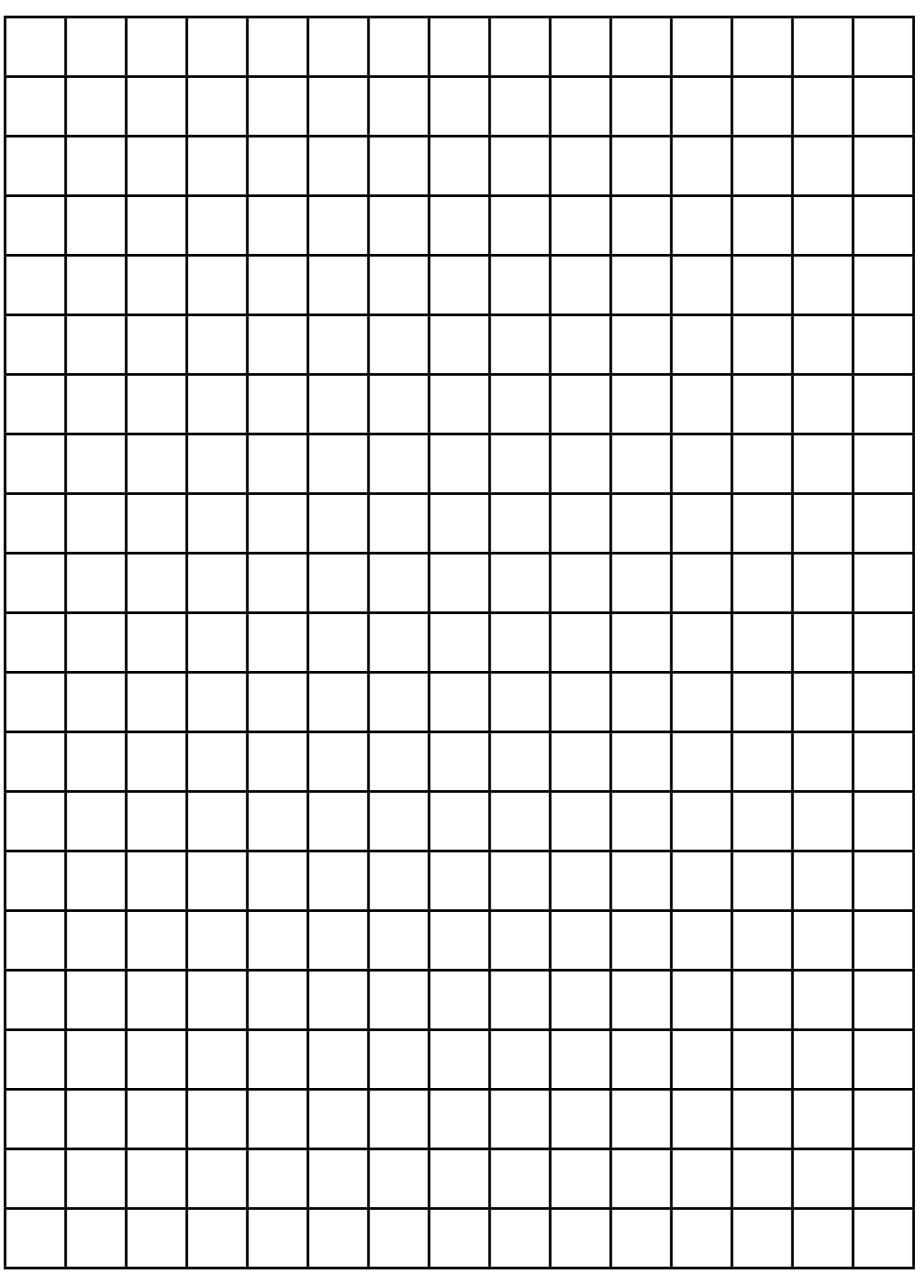
Indirect Measure Comic Strip



Draw a similar figure for each shape below.



Draw 2 similar pictures in the grid below.



Groundhog Stats

Height:

Shadow Length:



Groundhog Stats

Height:

Shadow Length:



Groundhog Stats

Height:

Shadow Length:

