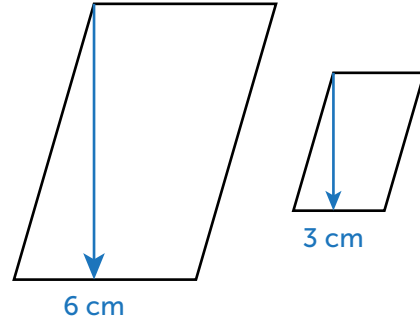# Shape Scale Matching

Name: _____   Date: _____

Scale is the factor of measurement by which a shape is increased or decreased. For instance, if you have two proportional (with identical internal angles) rhombuses of different heights like these:
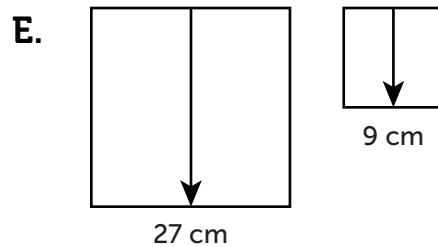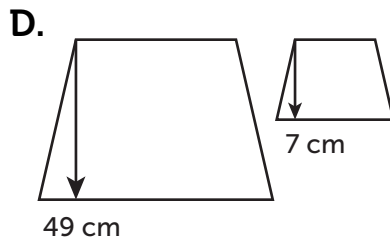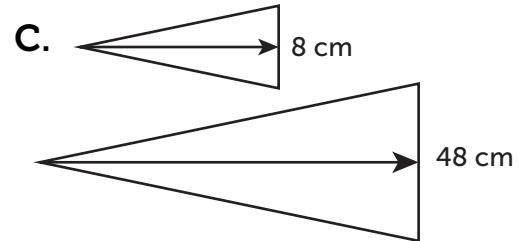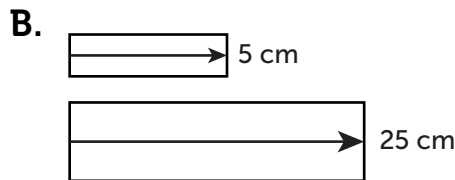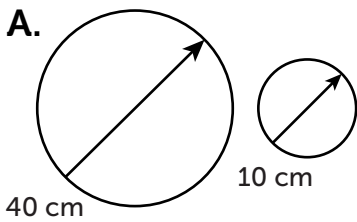
The larger rhombus is 2x the height of the smaller rhombus, or 2x scale of the smaller one.

Conversely, the smaller rhombus is ½ x the height of the larger rhombus, or ½ x scale of the larger one.

3 cm

6 cm

Exercises

Directions: *Match the shape set by drawing a line to the correct scale.*

A.

40 cm

10 cm

B.

5 cm

25 cm

C.

8 cm

48 cm

D.

7 cm

49 cm

E.

9 cm

27 cm

	Shape Set		**Scale**
1.	A		3x scale and 1/3x scale
2.	B		6x scale and 1/6x scale
3.	C		4x scale and 1/4x scale
4.	D		7x scale and 1/7x scale
5.	E		5x scale and 1/5x scale