

Shape Scale Matching

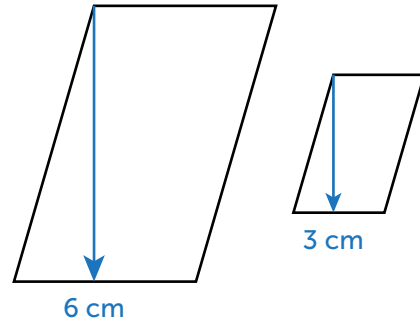
Name: _____

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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) rhombus' of different heights like these:

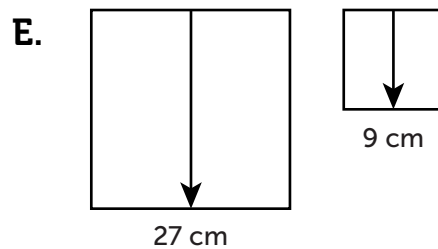
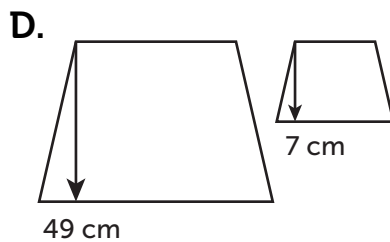
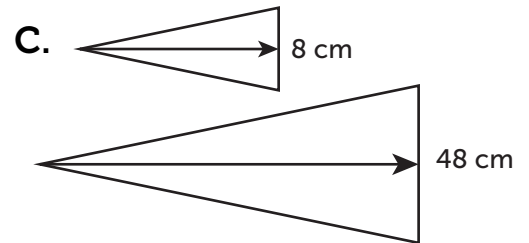
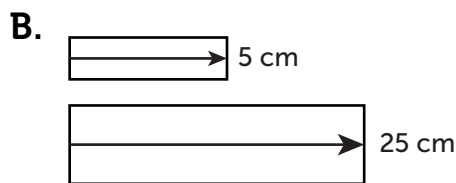
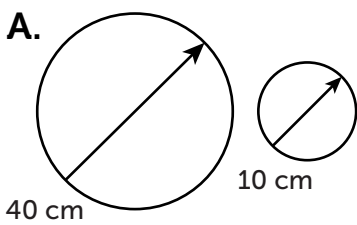
The larger rhombus is 2x the height of the smaller rhombus, or 2x scale of the smaller one.

Conversely, the smaller rhombus is $\frac{1}{2}$ x the height of the larger rhombus, or $\frac{1}{2}$ x scale of the larger one.



Exercises

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



	Shape Set
1.	A
2.	B
3.	C
4.	D
5.	E

	Scale
	3x scale and $\frac{1}{3}$ x scale
	6x scale and $\frac{1}{6}$ x scale
	4x scale and $\frac{1}{4}$ x scale
	7x scale and $\frac{1}{7}$ x scale
	5x scale and $\frac{1}{5}$ x scale