Dilations

I can dilate a figure based on a given scale factor.

Dilations

What is a dilation?

A translation that shows the same figure shape, but is a different size.
Let’s get started.

Please dilate the figure according to the scale factor of 2

How did you do that?

*multiply both x, y of all points by scale factor.*
Example 2

Dilate the figure according to the scale factor $1/3$

Example 3

Dilate the figure according to the scale factor of $3$
Dilate the figure $\frac{1}{2}$

Dilate the figure 1.5
Dilate the figure 2.5