

Warm Up - Bigger or Smaller:



Directions: For each dilation below decide whether the scale factor would produce a bigger image, smaller image, or the image would stay the same.

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| 1. Dilation by a scale factor of 2 | Bigger | Smaller | Stay the Same |
| 2. Dilation by a scale factor of 0.5 | Bigger | Smaller | Stay the Same |
| 3. Dilation by a scale factor of 1 | Bigger | Smaller | Stay the Same |
| 4. Dilation by a scale factor of $\frac{1}{4}$ | Bigger | Smaller | Stay the Same |