



TRANSFORMATIONS

*Reflections, Translations,
Rotations, & Dilations*

SCAVENGER HUNT



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Scavenger Hunt!

Objective: To practice graphing transformations including reflections, translations, rotations, and dilations. Reflections include the x-axis, y-axis, $y = x$, and $y = -x$. Rotations include 90° , 180° , and 270° (all counterclockwise) about the origin. For all dilation problems, the origin is the center of dilation.

Directions:

- 1) Print the 15 stations and scatter around the room (and in the hallway if possible, the kids love to leave the room!).
- 2) Distribute the recording worksheet to each student, then place students in groups of 2-3 and assign each group a starting problem. The students graph according to the directions, then identify the coordinates of a point after a transformation. This answer will lead them to the next station. They will continue until they have looped through all 15 stations. **Be sure they mark the letter at each station so that it is easy for you to grade.**

Includes student worksheet, 15 stations, and answer key!

