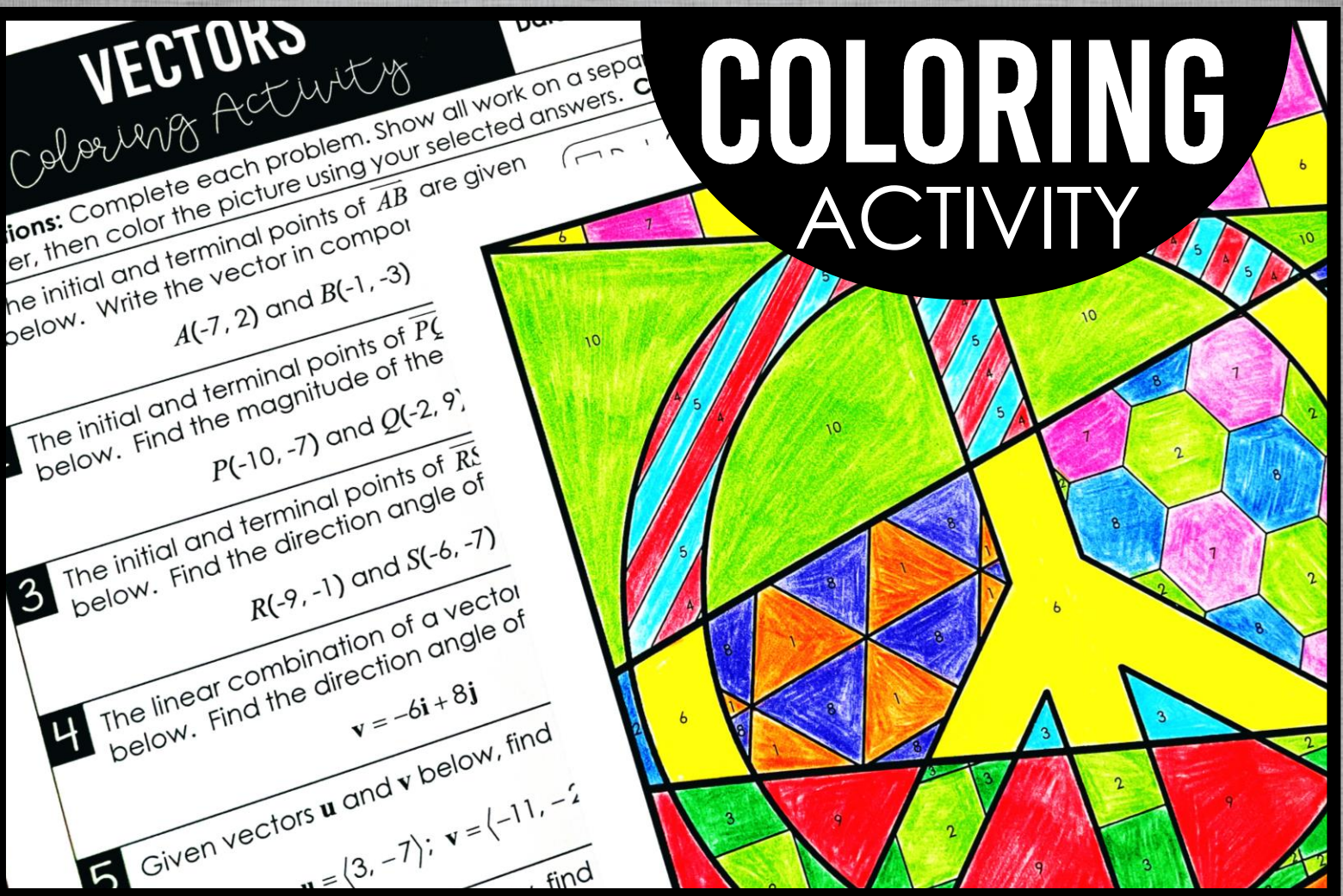

COLORING ACTIVITY

VECTORS

Magnitude, Direction, & Operations

Created by: ALL THINGS ALGEBRA®

VECTORS

Coloring Activity

Objective: Write a vector in component form given its initial and terminal point; Write a vector in component form or as a linear combination given its magnitude and direction; Find the magnitude or direction of a vector given its initial and terminal point; Perform operations (addition, subtraction, and scalar multiplication) on vectors and give the magnitude and direction of the resulting vector.

Directions:

1) Copy the "Vectors Coloring Activity" page and coloring picture for each student. I typically copy the coloring sheet on the back to save paper.

2) Students solve each problem. I have my students show all work on a separate sheet of notebook paper and staple once completed. They check their answer for each problem, which identify a color for each question number.

3) After solving all the problems, students color the picture. The question numbers and selected answers reveal how to color the picture. For example, if "red" is checked for question #1, then all 1's on the picture are red.

I have them staple their work to the paper and turn in for a classwork grade.