

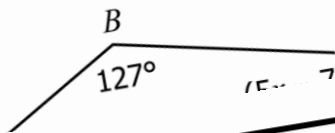
10

Find the surface area of the figure below:



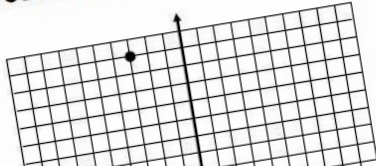
5

In the figure below, find  $m\angle 1$

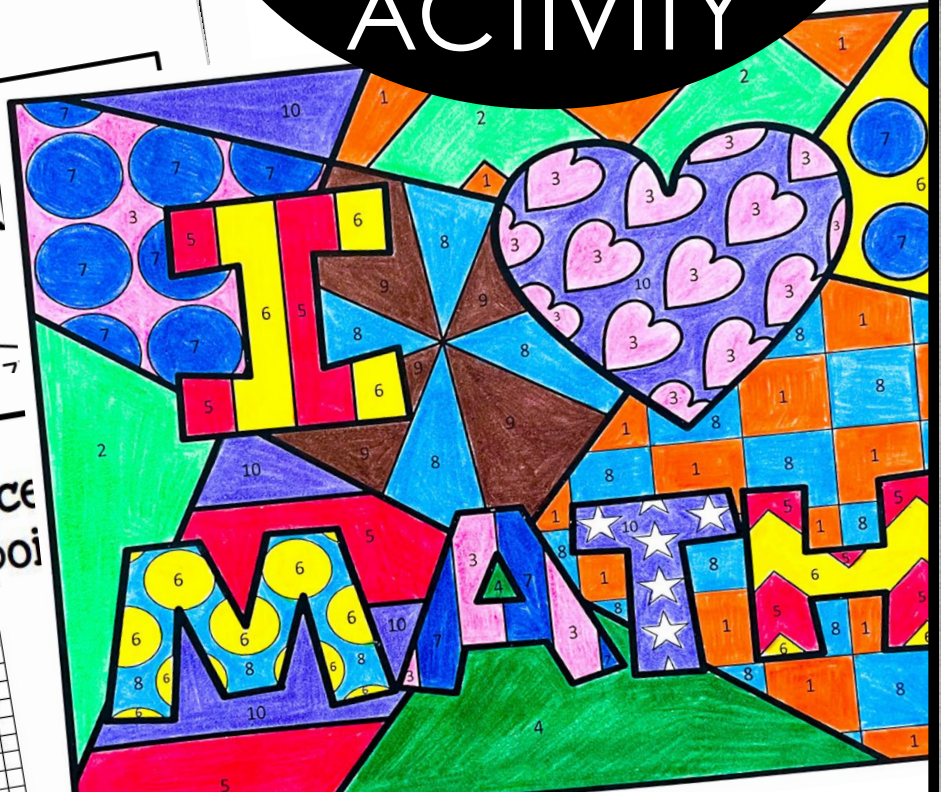


1

Find the distance between the two points



# COLORING ACTIVITY



# GEOMETRY

*end of year review*

Created by: ALL THINGS ALGEBRA®

# Geometry Review Stations

## Coloring Activity!

**Description:** Students complete a coloring activity through ten stations that review geometry concepts.

**Station 1** – Distance Formula

**Station 2** – Angles (Vertical, Complementary, Supplementary)

**Station 3** – Parallel Lines Cut by a Transversal

**Station 4** – Similar Triangles

**Station 5** – Angles of Polygons

**Station 6** – Quadrilaterals

**Station 7** – Angle of Elevation

**Station 8** – Circles

**Station 9** – Volume

**Station 10** – Surface Area

**Directions:** This activity works best if your desks are placed in groups, this way you can put a bucket of colored pencils at each station. Give each student the recording sheet and coloring page. Place students in groups and assign them a starting problem. They solve the problem at their station, identify the answer, and color the picture accordingly. I typically give 8-10 minutes, then they move to the next station. If they haven't finished coloring, they can finish all the coloring at the end of the activity or as homework. In all, this activity takes approximately 90 minutes. Perfect for block scheduling!

**1** Find the distance between the two points:

**5** In the figure below, find  $m\angle BCD$ .

**10** Find the surface area of the figure below:

A) 936.92 cm<sup>2</sup>  
 B) 894.53 cm<sup>2</sup>  
 C) 875.71 cm<sup>2</sup>  
 D) 924.28 cm<sup>2</sup>  
 E) 916.09 cm<sup>2</sup>

Dark Green  
 Black  
 Red  
 Pink  
 Purple

**I ♥ Math Stations!** Name: \_\_\_\_\_ Date: \_\_\_\_\_ Block: \_\_\_\_\_

Directions: Complete the problem of each station, showing all work on this paper. Color the picture on the back according to your answers. Some color may be used more than once.

**10 Stations & Student Worksheet with Coloring Page Included**