

Name: \_\_\_\_\_ # \_\_\_\_\_

Geometry: Period \_\_\_\_\_

Ms. Pierre

Date: \_\_\_\_\_

## Transformations in the Coordinate Plane

### Introducing Transformations Pre-Assessment



#### Do Now #1

Circle the letter of the best answer.

- What is the measure of a right angle?
  - $60^\circ$
  - $90^\circ$
  - $120^\circ$
  - $135^\circ$
- What type of function maps an input onto itself?
  - opposite function
  - negative function
  - identity function
  - reflective function
- How many lines of symmetry does a square have?
  - 1
  - 5
  - 2
  - 4
- Given  $T_{h,k}(x, y) = (x + h, y + k)$  and  $P(-4, -3)$ , what is  $T_{-2,1}(P)$ ?
  - $P(-6, -2)$
  - $P(2, 4)$
  - $P(-5, -4)$
  - $P(-3, -5)$
- What geometric figure has an infinite number of lines of symmetry?
  - triangle
  - circle
  - square
  - octagon