Name

SLO: I can identify and perform rotations. Problems worthy of attack prove their worth by fighting back. —Piet Hein THE ROAD TO WISDOM? Well, it's plain and simple to express. Err and err again, but less and less. — Piet Hein.

VOCABULARY (have your vocabulary sheet out EVERY day)

(1) TO DO: For each original below, write the degree and direction of the rotation on the graph. Positive degrees are counterclockwise O rotations and negative degrees are clockwise O rotations.



(2) TO DO: For each diagram, (A) describe the transformation (include prime notation and the words rotation, origin, clockwise, counterclockwise, image and pre-image) (B) Write the coordinate notation, and (C) Write the short notation.



Geometry: Transformations Skill/Task 5

Name

Per_

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(2) Rotate each preimage according to the given rule. Label the image with prime notation. Write the coordinates for the preimage and the image. (It can help to rotate your paper, write down the coordinates of the new location, and then turn your paper to it's original orientation and then plot and connect the points,



(2) TO DO: Summarize what you have learned today about rotations. What do you find easy to understand and what is confusing?

Name___

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coordinates