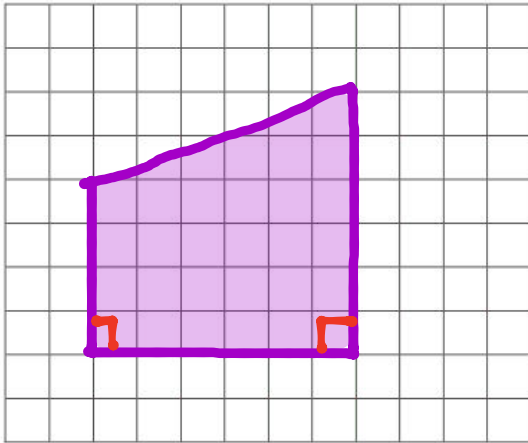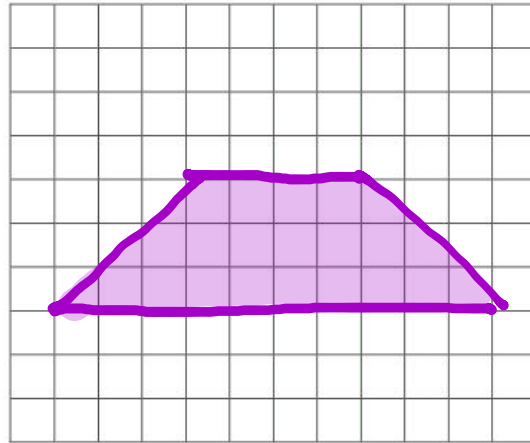Name _____   Date _____

1. Use a straightedge and the grid paper to draw:
   a. A trapezoid with exactly 2 right angles.   b. A trapezoid with no right angles.
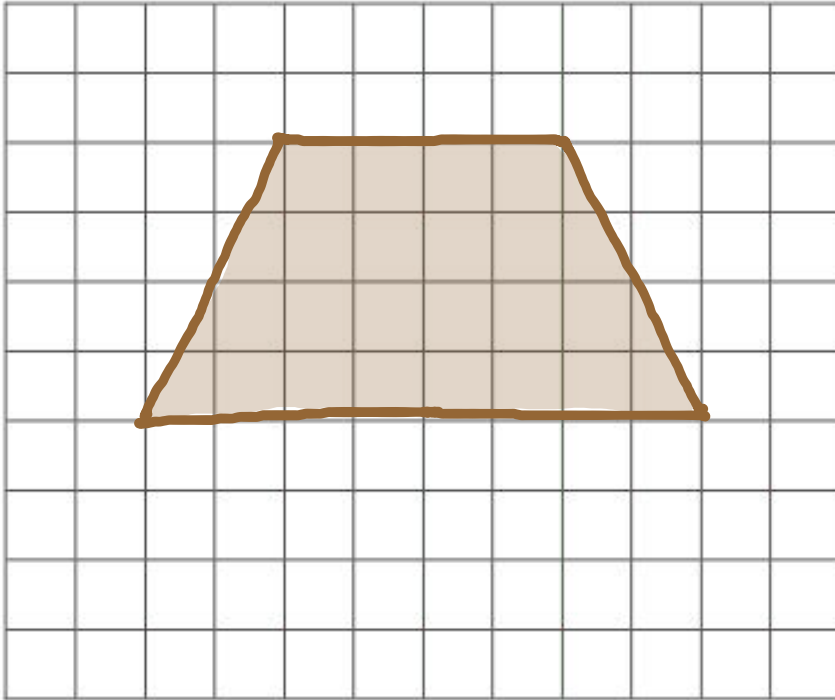

2. Kaplan incorrectly sorted some quadrilaterals into trapezoids and non-trapezoids as pictured below.
   a. Circle the shapes that are in the wrong group and tell why they are missorted.

No parallel sides

These are trapezoids because they each have at least 1 pair of parallel sides.

   b. Explain what tools would be necessary to use to verify the placement of all the trapezoids.

Answers will vary: We would need some sort of tool that allows us to find parallel lines.

COMMON CORE   **Lesson 16:**   Draw trapezoids to clarify their attributes, and define trapezoids based on those attributes.   engage^ny   5.D.13

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3. Use a straightedge to draw an isosceles trapezoid on the grid paper.

Answers will vary

a. Why is this shape called an isosceles trapezoid?

It is an isosceles trapezoid because the two slanted sides are the same length.

Lesson 16: Draw trapezoids to clarify their attributes, and define trapezoids based on those attributes.

Date: 1/10/14

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