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5.G.B.4 Properties of Polygons – II

5.G.B.4: Classify two-dimensional figures in a hierarchy based on properties.

1. Fill in the blanks.
   a. The simplest polygon which can exist in the Euclidean plane is the _____.
   b. The number of corner of any polygon is _____ to its sides.
   c. A nonagon has _____ sides.
   d. Decagon has _____ more sides than pentagon.

2. Draw the following polygons.

   a. Decagon

   c. Nonagon

   e. Right Triangle

   b. Quadrilateral

   d. Heptagon

   f. Regular Pentagon

3. Which polygon most closely describes the object below?

   Solution:

   Solution:

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Answer Key

1.
   a. Triangle
   b. Equal
   c. 9
   d. 5

2. (Drawing)

3. Pentagon
   Quadrilateral (Rectangle)