

Name _____ Date _____ Period _____

17.4 Construct Equilateral Triangles, Squares, and Regular Hexagons

Construct the indicated Shape using the size of the line segment as the side length.

1. Square 	2. Equilateral Triangle 	3. Regular Hexagon
--	--	---

Answer the following questions using your knowledge of constructions:

4. Which construction am I doing if I create a circle? _____
5. Which construction requires a perpendicular line? _____
6. Which construction requires only on size for the compass? _____
7. Which construction starts out like a perpendicular bisector? _____
8. What would be another way to construct any one of the above transformations?