




Name _____ Date _____ Period _____

15.4 Construct Equilateral Triangles, Squares, and Regular Hexagons

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

<p>1. Square</p> 	<p>2. Equilateral Triangle</p> 	<p>3. Regular Hexagon</p> 
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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 one size for the compass? _____
7. Which construction starts out like a perpendicular bisector? _____

Bonus: What would be another way to construct any one of the above transformations?