Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Common Core Geometry Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

Constructions – Equilateral – HOMEWORK #2

1. On the lines below, describe the steps you would take to **CONSTRUCT** an equilateral triangle using a compass and a straightedge. Be as precise as possible using Geometric terms and proper labels.

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Solve for y in the following equations

2. 3.

4. 5.

Solve the following equations

6. 7.

8. 9.

Solve the following proportions

10. 11.

12. 13.

(Round to the nearest 10th)