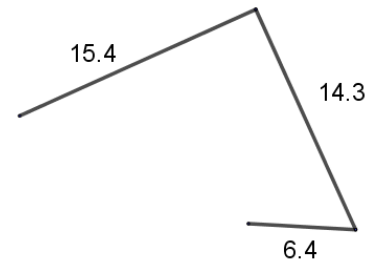
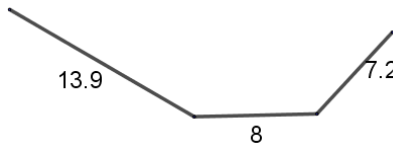
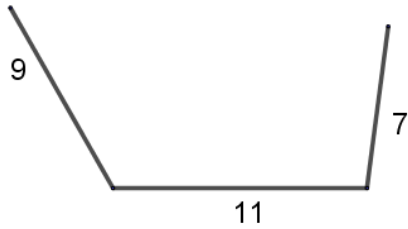
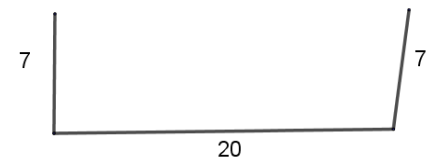
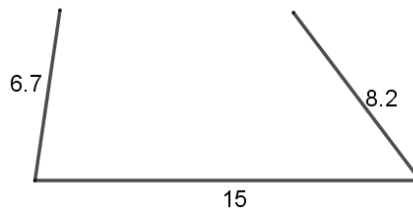
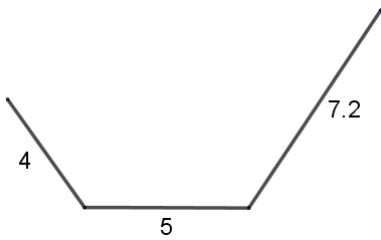
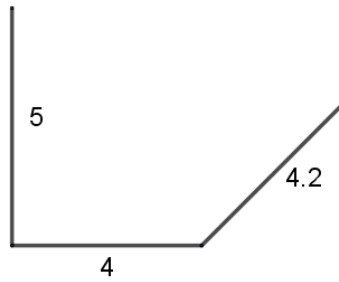
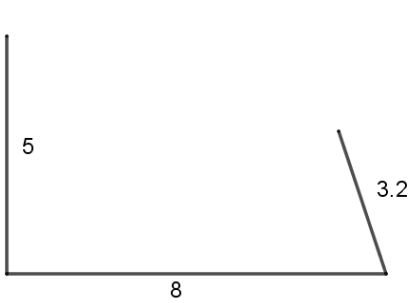


Will the Sides Form a Triangle?

Name _____ Period ____

Decide what it takes for three segments to form a triangle. Use a compass to determine which ones have the "right stuff".



Sides that Form a Triangle	Sides that Do Not Form a Triangle

Summary of Your Findings _____

Can You Form a Triangle?

Name _____ Period _____

Cut out the required sides and decide if you can form a triangle from them. Note your findings below.

- | | | |
|-------------|---------------|--------------|
| 1. 3, 4, 5 | 2. 10, 13, 18 | 3. 1, 2, 7 |
| 4. 5, 6, 11 | 5. 9, 10, 14 | 6. 7, 8, 16 |
| 7. 4, 5, 9 | 8. 8, 10, 17 | 9. 9, 12, 15 |

Summarize your findings. _____

