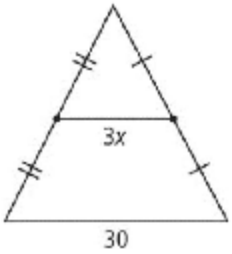
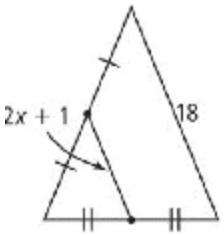
Triangle Basics Practice Day 3

1. Solve for x:



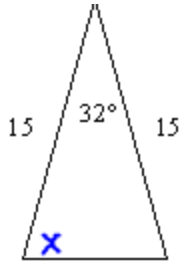
x = _____

2. Solve for x:



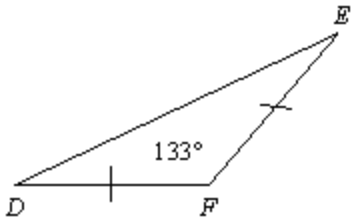
x = _____

3. Find the value of x.



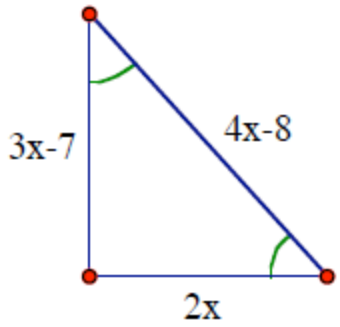
x = _____

4. Find the measure of angle D.



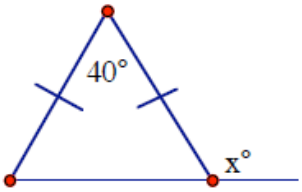
< D = _____

5. Find the value of x.



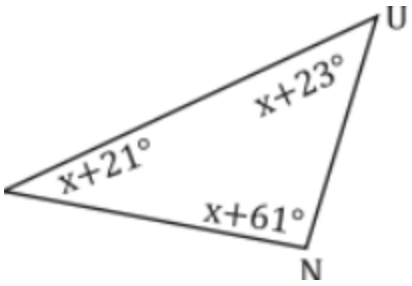
x = _____

6. Find the value of x.



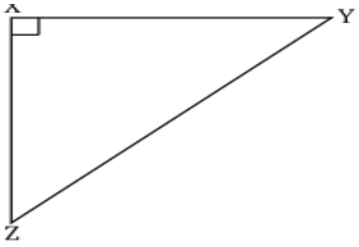
x = _____

7. Solve for the value of x.



x = _____

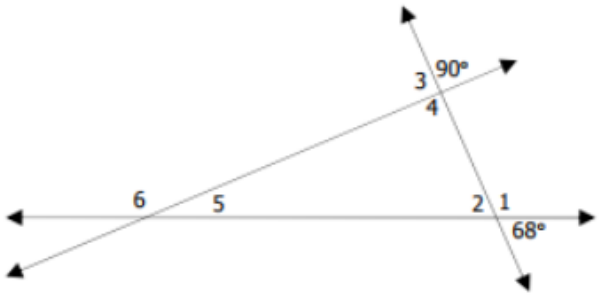
8. m∠Y=x+5°, m∠Z=x-7°. Find m∠Z.



m< Z = _____

9.

Solve for the angles in the diagram. *Show work.*



< 1 = _____

< 2 = _____

< 3 = _____

< 4 = _____

< 5 = _____

< 6 = _____

10. Use the Side Splitter Theorem to solve for x.