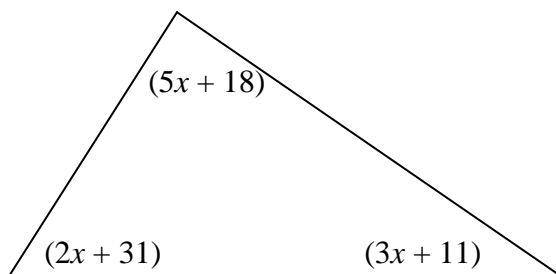
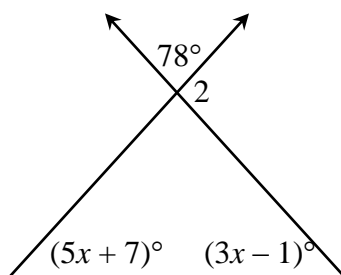


Name _____
Geometry Ch. 4 Practice Test

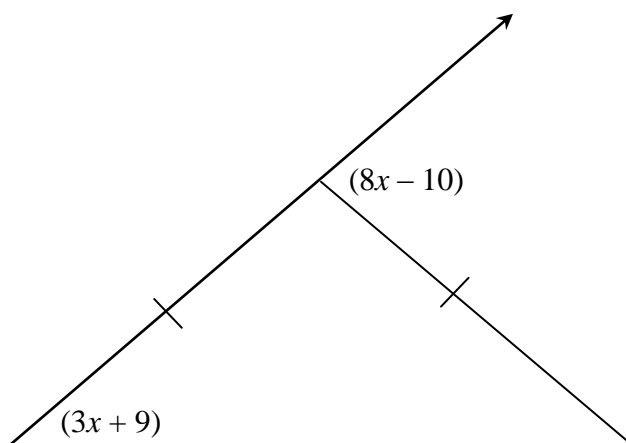
1. Find the value of x . Then classify the triangle by its angles.



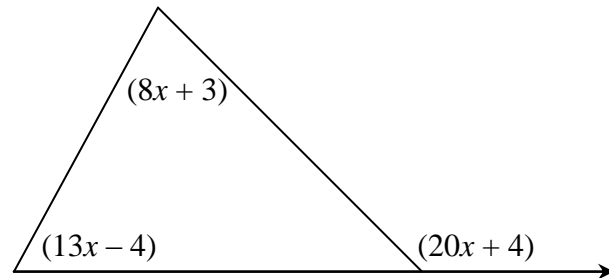
2. Find x and $m\angle 2$.



3. Find the value of x .

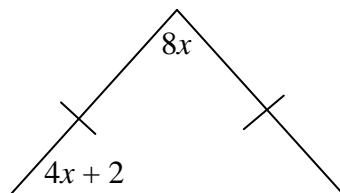


4. Find x .

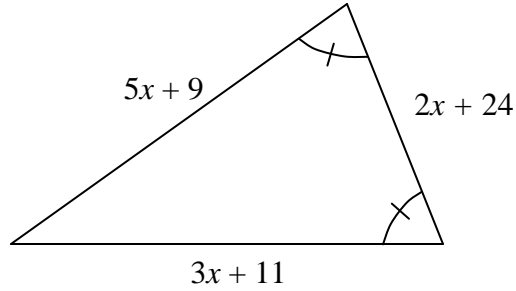


5. $\triangle QRS$ is equilateral. QR is two less than two times a number, RS is six more than the number, and QS is ten less than three times the number. Draw the triangle and label the sides. Find all three side lengths.

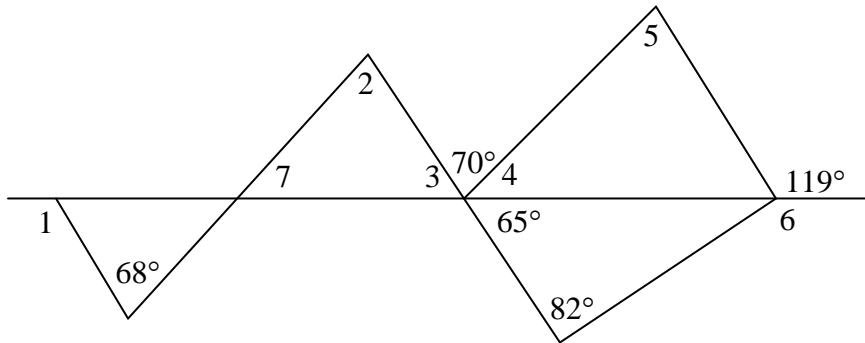
6. Find x and the measure of all three angles.



7. Find x .



For problems 8-13, use the following figure to find the given measures if $m\angle 1 = 104^\circ$



8. $m\angle 2 =$ _____

12. $m\angle 6 =$ _____

9. $m\angle 3 =$ _____

13. $m\angle 7 =$ _____

10. $m\angle 4 =$ _____

11. $m\angle 5 =$ _____