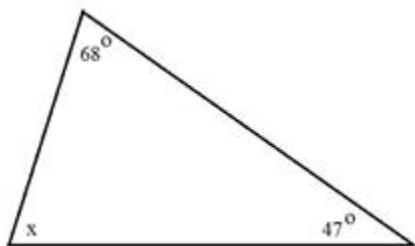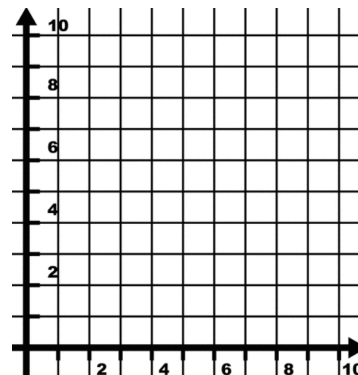Name: _____

<u>TIME TO INVESTIGATE!</u> Show your work for each question and circle your answer. This is due by Friday, May 20th (10 points)

1. Find the measure of angle x in this acute triangle. 68° ... 47° ... x	**2. Graph the point (8, 8) on a coordinate grid.** **(refer to ch 2.6, page 83 for help)**
3. ∠RST is supplementary to ∠UVW. **∠UVW measures 110° what is the** **measurement of ∠RST?**	**4. What is the area of the circle.** **(use A= π r²)** 7m
5. Find the circumference of the circle. **(use C = πd)** 7m	**6. What is the probability of choosing a solid black marble from the bag?** **(hint- the answer should be in ratio/fraction form)**
7. -9 • 2² =	**8. Write the next three numbers in this pattern… 1, 7, 13, 19 …..**
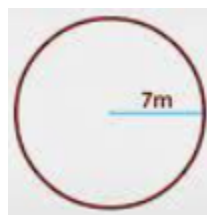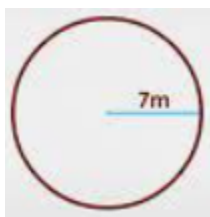
9. What percent of 50 is 10?	10. What is 15% of 150?