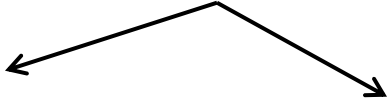


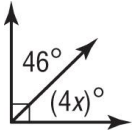
Unit 7 STUDY GUIDE – Geometric Figures

1. What is the classification of the angle shown?



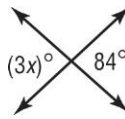
1. _____

2. What is the value of x ?



2. _____

3. What is the value of x in the figure at the right?



3. _____

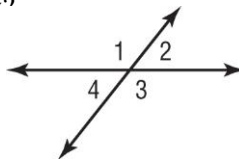
4. Angle 1 and angle 2 are supplementary. If the $m\angle 1 = 38^\circ$ then what is $m\angle 2$?

4. _____

5. A building is 165 meters tall. A scale model of the building uses a scale of 1 centimeter = 11 meters. How tall is the model?

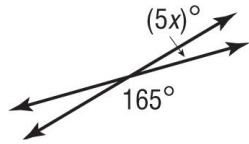
5. _____

6. Which pair of angles are supplementary?



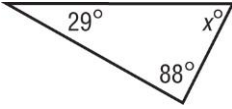
6. _____

7. Find the value of x .



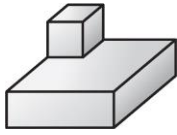
7. _____

8. What is the value of x in the triangle?



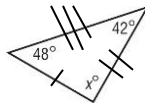
8. _____

9. Draw a top, a side, and a front view of the solid.



9. _____

10. What is the classification of the triangle below by its **angles**?

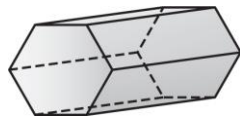


10. _____

11. What is the classification of the triangle in problem 10 (above) by its **sides**?

11. _____

12. What is the name of the figure?



12. _____

13. What would be the cross section from a horizontal slice of the figure in problem 12? (above)

13. _____