Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Foundations of Geometry Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Unknown Angles REVIEW**

I. Vocabulary

A. Vertex, Sides, Angles

B. Acute, Right, Obtuse, Straight Angles

C. Supplementary angles add up to \_\_\_\_\_\_\_\_\_\_\_\_

D. Complementary angles add up to \_\_\_\_\_\_\_\_\_\_\_\_

E. Adjacent angles share a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F. Linear pairs add up to \_\_\_\_\_\_\_\_\_\_\_\_

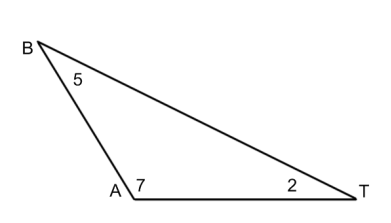
G. Vertical Angles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

H. Consecutive Adjacent Angles on a Line add to \_\_\_\_\_\_\_\_\_\_\_\_

I. Angles Around a Point add to \_\_\_\_\_\_\_\_\_\_\_\_

II. Name all sides, vertices, and angles. Be sure to name each angle four (4) different ways.

1.



Sides \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Vertices \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Angles

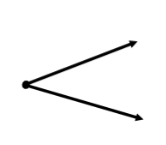
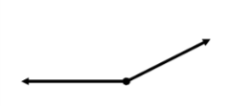
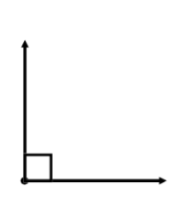
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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

III. Identify if the following angles are acute, straight, right, or obtuse

2. 127 3. 90 4. 179 5. 81 6. 180

7.  8.  9.  10. 

IV. Solve for the missing angles

|  |  |  |
| --- | --- | --- |
| 11. | 12. | 13. |
| 14. | 15. | 16. |
| 17. | 18. | 19. |
| 20. | 21. | 23. |

24. What is the complement of ? 25. What is the supplement of ?

25. What is the complement of ? 26. What is the supplement of ?

|  |  |
| --- | --- |
| 27. Solve for and find | 28. Solve for and find |
| 29. Solve for and find both angles | 30. Solve for and find both angles |

|  |  |
| --- | --- |
| 31. Solve for and find both angles | 32. Solve for and find both angles |
| 33. Solve for and find both angles | 34. Solve for and find all angles |
| 35. Solve for and find all angles | 36. Solve for and find both angles |