

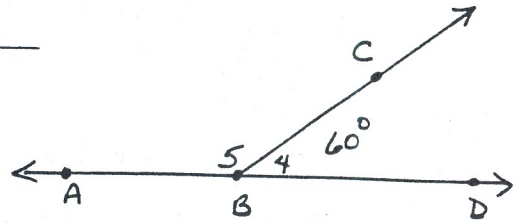
Given: Figure to the right

16. Name 2 opposite rays (they point in opposite directions) _____, _____
Remember the arrows

17. What classification is $\angle ABD$? _____

18. Find $m\angle ABD$ _____ $^\circ$

19. Find $m\angle 5$ _____ $^\circ$



problems #16-24

SSSS 20. Define Linear pair

21. Would $\angle 5$ & $\angle 4$ make a linear pair? Yes/no _____
Why or why not? _____

SSSS 22. Define supplementary angles

23. Are $\angle 4$ & $\angle 5$ supplementary angles? Yes/no _____
How can you tell? _____

24. How should we classify $\angle 5$? _____
Why? _____

Given: Figure to the right

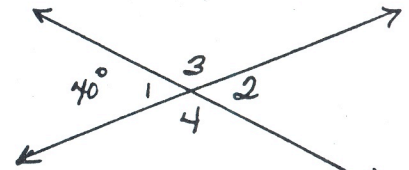
25. Use patty paper to trace $\angle 3$. Which angle is exactly equal to $\angle 3$? _____
Remember to use an angle symbol

26. So, $\angle 3 \cong$ _____ (name the angle). Congruent means that the measures are _____.

27. Use patty paper to trace $\angle 1$. Which angle is exactly equal to $\angle 1$? _____.

28. So, $\angle 1 \cong$ _____ (name the angle)

SSSS 29. Define vertical angles



problems #25-37

SSSS 30. What can we always conclude about a vertical angle pair? _____
Answer on p. 54 (yellow part)

31. $m\angle 1 + m\angle 4 =$ _____ $^\circ$

32. $m\angle 2 + m\angle 4 =$ _____ $^\circ$

33. $m\angle 1 + m\angle 3 =$ _____ $^\circ$

34. $m\angle 2 + m\angle 3 =$ _____ $^\circ$

35. Find $m\angle 3$ _____ $^\circ$

36. Find $m\angle 2$ _____ $^\circ$

37. Find $m\angle 4$ _____ $^\circ$

38. What does $^\circ$ mean? _____.