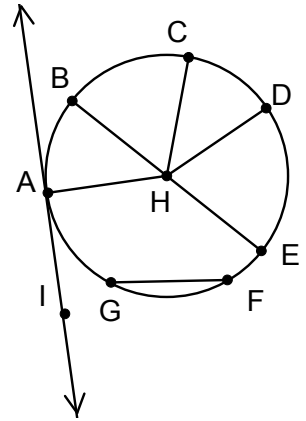


Circle Definitions
Geometry

Name _____ # _____
Period _____ Date _____

Use the picture to the right to answer the following questions.

1. Name the center of $\odot H$.
2. Name a chord that is also a diameter.
3. If $HD = 5$, find BE .
4. Is \overline{BH} a chord of $\odot H$? Explain.
5. Is $\overline{BH} \cong \overline{HD}$? Explain.
6. Name the tangent of the circle.



Name the circle. Determine the type of arc highlighted (minor, major, or semicircle) on each circle and name it.

<p>7.</p>	<p>8.</p>
<p>9.</p>	<p>10.</p>

Convert each degree measure into radians.

11. 105°

16. 360°

12. 120°

17. 30°

13. 340°

18. 45°

14. 150°

19. 225°

15. 100°

20. 200°

Convert each radian measure into degrees.

21. $\frac{5\pi}{6}$

26. $\frac{4\pi}{9}$

22. $\frac{2\pi}{3}$

27. $\frac{11\pi}{3}$

23. $\frac{\pi}{6}$

28. $\frac{3\pi}{4}$

24. $\frac{3\pi}{2}$

29. $\frac{\pi}{3}$

25. $\frac{14\pi}{9}$

30. $\frac{\pi}{4}$