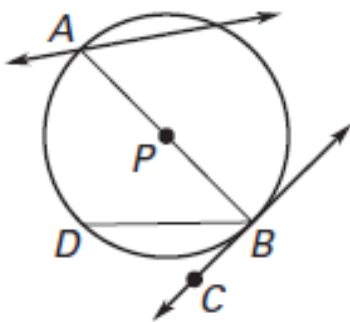


Practice Level A

1. E 2. G 3. D 4. B 5. A 6. C 7. H

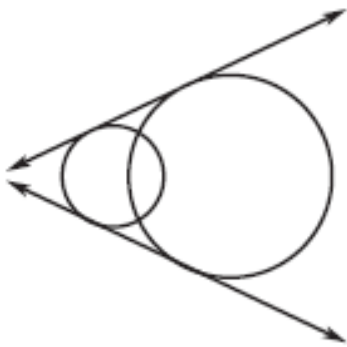
8. F 9. diameter: 4, radius: 2 10. diameter: 4, radius: 2 11. (5, 2) 12. the lines $y = 0$, $y = 4$, and $x = 5$

13–16: *Sample answers*



17. \overline{AP} or \overline{PB}

18. 2



19. none 20. 4



24. yes; $\overline{AB} \perp$ radius \overline{BC} at B .

25. yes; By the Converse of the Pythagorean Thm., $\overline{AB} \perp$ radius \overline{BC} at B . 26. no; By the Converse of the Pythagorean Thm., \overline{AB} is not \perp to radius \overline{BC} .

27. 3 28. 5 29. 8 30. 22 31. 6 32. 2

33. a. about 45.3 ft b. about 8 ft