

Estimate each angle to the nearest half radian.



Sketch each angle in standard position and determine the quadrant it is in.

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

6. $\frac{5\pi}{4}$

7. $\frac{-\pi}{12}$

8. -1

9. 3.5

10. 5.6

11. $\frac{-11\pi}{9}$

12. $\frac{-7\pi}{4}$

13. $\frac{11\pi}{6}$

14. 4

Determine two coterminal angles (one positive and one negative) for each angle. Give your answer in radians.

15. $\frac{\pi}{12}$

16. $\frac{7\pi}{6}$

17. $\frac{-9\pi}{4}$

18. $\frac{8\pi}{9}$

Find the complement and supplement of each angle.

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

20. 1