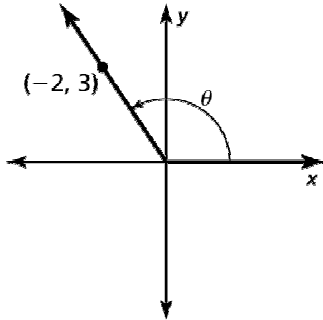


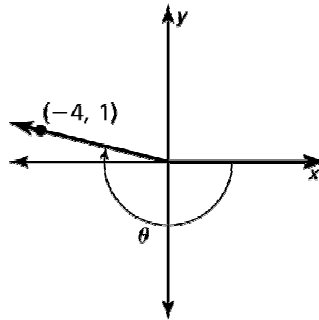
9.3 Practice WS

In Exercises 1–2, evaluate the six trigonometric functions of θ .

1.

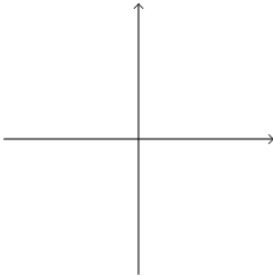


2.

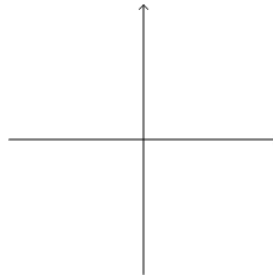


In Exercises 3–4, use the unit circle to evaluate the six trigonometric functions of θ .

3. 450°

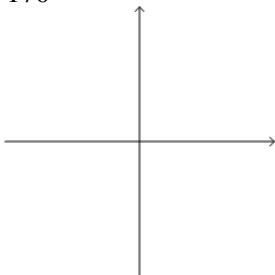


4. $\frac{3\pi}{2}$

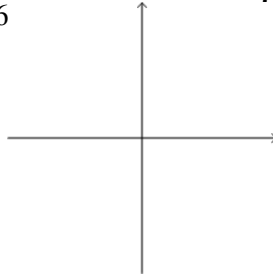


In Exercises 5–8, find the angle's reference angle.

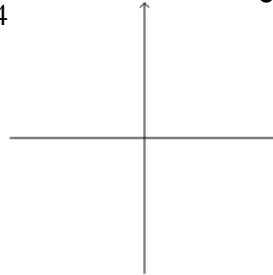
5. -170°



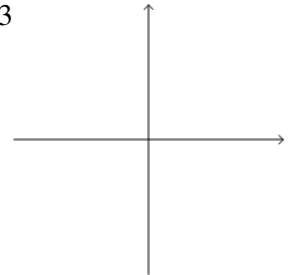
6. $\frac{17\pi}{6}$



7. $\frac{15\pi}{4}$

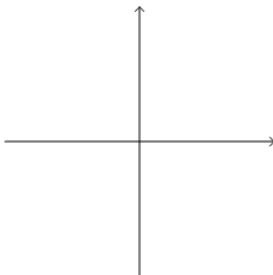


8. $-\frac{7\pi}{3}$

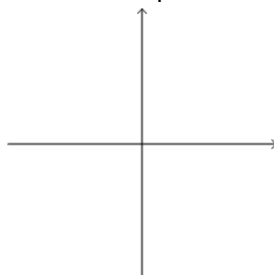


In Exercises 9–11, evaluate the function without using a calculator.

9. $\csc 150^\circ$



10. $\tan \frac{5\pi}{4}$



11. $\cos(-210^\circ)$

