

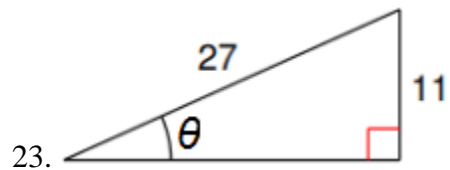
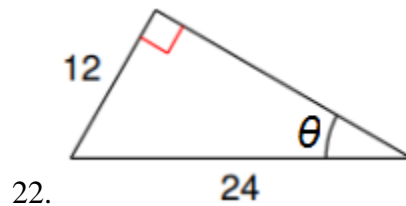
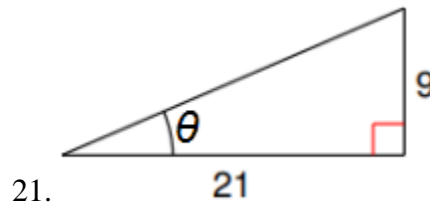
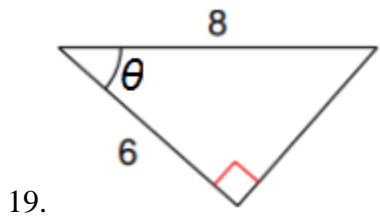
Convert the given value from radians to degrees or degrees to radians:

- | | |
|---------------------|-----------------------|
| 1. 15° | 8. 2π |
| 2. 230° | 9. $-\frac{2\pi}{5}$ |
| 3. 315° | 10. 19π |
| 4. 116° | 11. 2 |
| 5. 150° | 12. $-\frac{3\pi}{4}$ |
| 6. -200° | |
| 7. $\frac{3\pi}{5}$ | |

Use the given values to determine the desired value:

- | | |
|---|--|
| 13. $r = 15$ inches, $s = 8$ inches, $\theta = ?$ | 16. $s = 36$ ft, $\theta = \frac{\pi}{2}$, $r = ?$ |
| 14. $r = 14$ inches, $\theta = 180^\circ$, $s = ?$ | 17. $r = 14.5$ km, $s = 35$ km, $\theta = ?$ |
| 15. $r = 22$ ft, $s = 10$ ft, $\theta = ?$ | 18. $r = 12$ cm, $\theta = \frac{3\pi}{4}$, $s = ?$ |

Find the values of the six trigonometric functions for the following triangles:



Solve the following right triangles.

