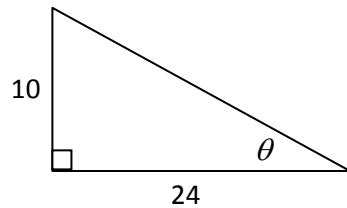


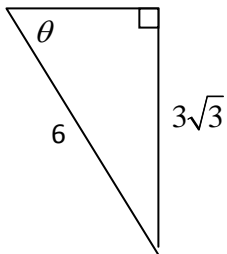
Lesson 5: The Six Trigonometric Functions—Worksheet

Memorize the definitions of the six trigonometric functions, then solve the following problems without looking up the definitions.

1. Find the values of all six trigonometric functions of θ in the following triangle.



2. Find the values of all six trigonometric functions of θ in the following triangle.



3. θ is an acute angle in a right triangle. If $\cos(\theta) = \frac{\sqrt{2}}{2}$, then what are the values of the other five trigonometric functions of θ ? (Hint: draw the triangle and label its sides.)