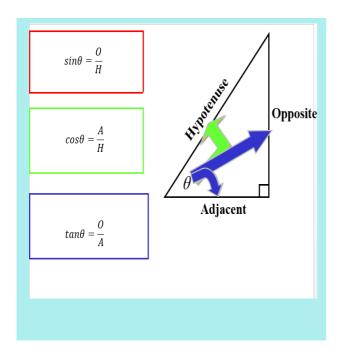
## Warm Up For the triangle at the right, find the sine, cosine, and tangent of $\angle Z$ . X 17 8 y 15

Today's Objective:

How do you use trig ratios to find angles of a triangle?



We will begin by setting up the problem like we are finding a side measure



Next we will solve the equation by taking the inverse of the sin ratio to both sides

$$sin^{-1}(sinB) = sin^{-1}(3/8)$$

Locate the following keys on your calculator

sin-1, cos-1, tan-1

