2. CA = cO 90° A CA = cOCE DAT A CA = cOCE

Solving for Angles using the Primary Trigonometric Ratios

Solve for θ in the following examples

$$\sin \theta = 0.4782$$

$$0 = \sin^{-1}(0.4782)$$

$$0 = 28.6^{\circ}$$

$$\cos \theta = \frac{3}{5}$$

$$O = \cos^{-1} \left(\frac{3}{5} \right)$$

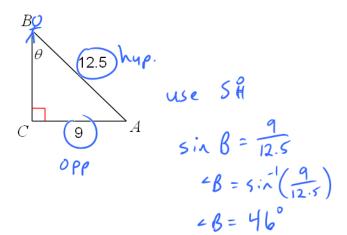
$$O = 53.1^{\circ}$$

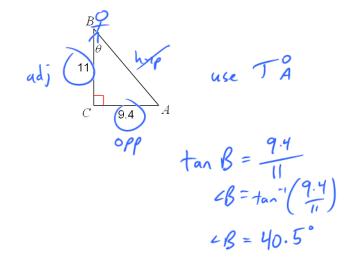
Course: Grade 10 Mathematics

To solve for the angle, you must use the inverse function, which is single, you must use the

Steps to Solve:

- 1. Identify the angle you are solving.
- 2. Identify known and side side side side side.
- 3. Write the appropriate Trig Ratio using #2 and solve





Use
$$T_A$$

Tan $B = \frac{9}{19}$
 $C_B = \frac{1}{19}$
 $C_B = \frac{32.7}{19}$