

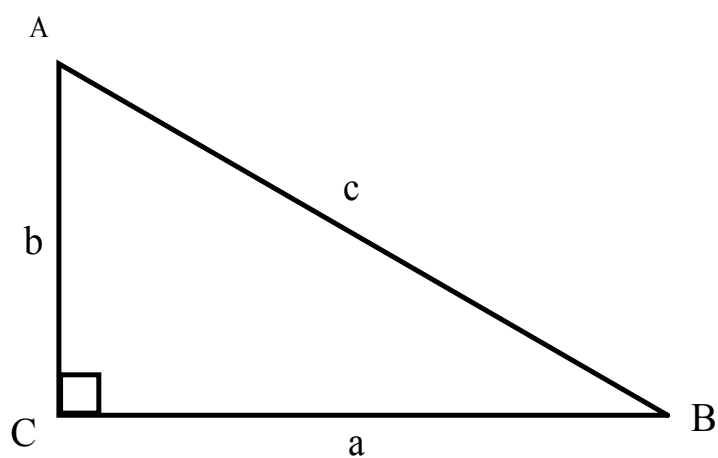
Unit 5: Triangle Trigonometry

Day 1: Introduction to Trigonometry

Today we will...

1. Review how to label the sides of a right-angled triangle.
2. Review the primary trig ratios and how to calculate them.
3. Review how to solve for a missing side or angle in right-angled triangles.

Trigonometry Review



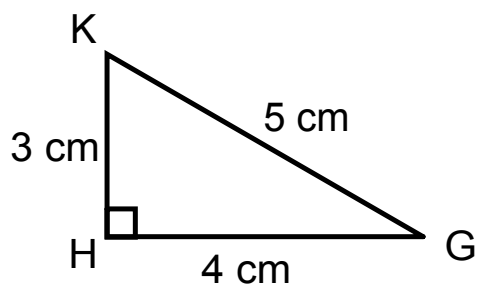
Hypotenuse
Opposite
Adjacent

$\sin A$

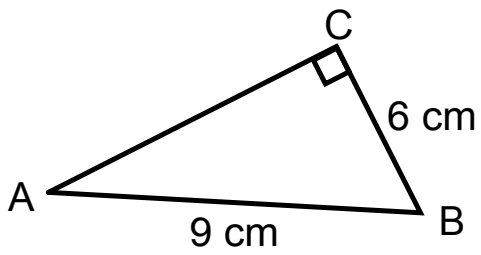
$\cos A$

$\tan A$

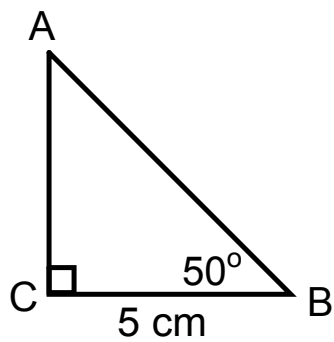
Example 1. State the primary trigonometric ratios for angle G



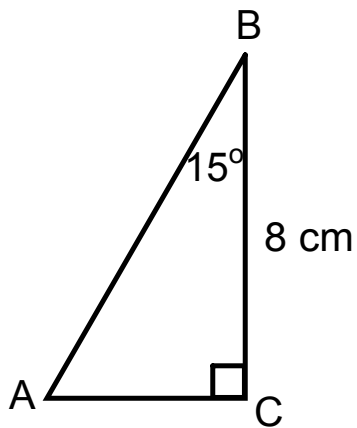
Example 2. Find the measure of angle A



Example 3. Find the length of side b



Example 4. Find the length of side c



Practice
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text pg 261

$$\tan C = \frac{\text{opposite}}{\text{adjacent}}$$

~~hypotenuse~~

change in
your book

