

Solving a Right Triangle

Six parts: 3 angles and 3 sides

- * right angle is always known**
- * one side is always given**
- * a second side OR an angle is always given**

**if given second side, use PT to find third side;
use trig to find angles**

**if given angle, subtract to find third angle;
use trig to find sides**

Using trig on calculator:

to find a side, start with the side you know

to find an angle, start with the "second" key