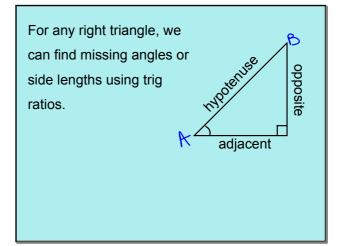
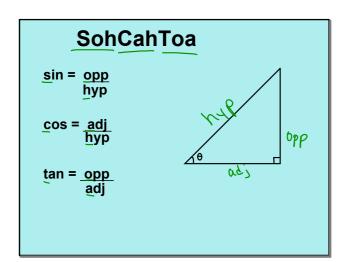
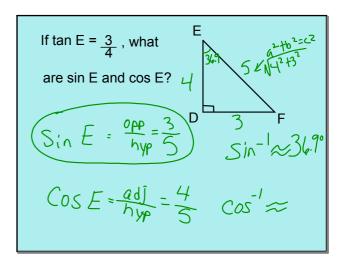
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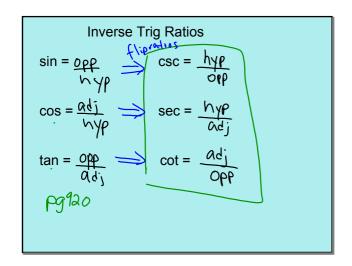
Algebra II
Section 14-3
Right Triangles and
Trig Ratios

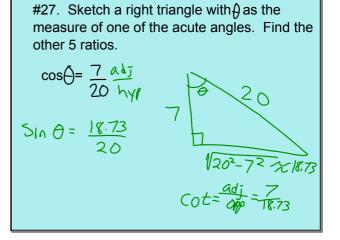
Goal: to find side lengths and angle measures in a right triangle.



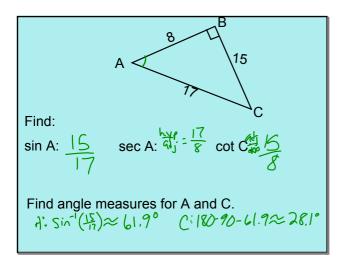


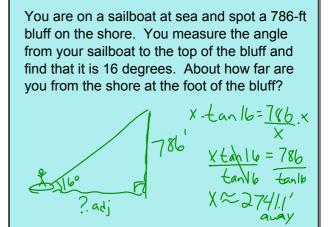


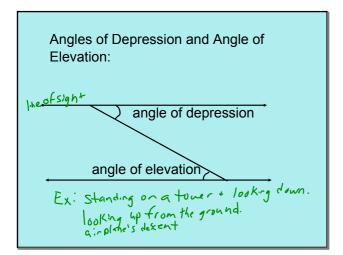




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A commercial airline pilot is flying at an altitude of 6.5 miles. To make a gentle decent for landing, the pilot begins descending toward the airport when still fairly far away.

If the plane's path is to make an angle of 5 degrees with the runway (without further adjustments), how far from the airport must the pilot begin descending?

Hwk: pg. 924 - 925

#12, 14, 15-18, 22, 28, 40, 42

sohcahtoa-trigonometric-laws.jpg