

Lesson 1: The Tangent Ratio

Review what you have learned prior to completing the Lesson Assignment.

Key Ideas

- All triangles containing an identical acute angle have the same ratio of corresponding side lengths.
- $\text{tangent of angle } \theta = \frac{\text{length opposite } \theta}{\text{length adjacent to } \theta}$
- Ensure your calculator is in 'degree' mode.

Key Terms

- tangent ratio
- side opposite θ
- side adjacent to θ
- hypotenuse
- trigonometry
- corresponding side length
- degree mode