

# Resource Page: Properties of Angles and Triangles

**General Outcome**      Develop spatial sense

- Specific Outcomes**
1. Derive proofs that involve the properties of angles and triangles.
  2. Solve problems that involve properties of angles and triangles.

## Lesson 1: Exploring Parallel Lines

**Absolute Value Workbook: Reasoning with Angles and Triangles: Lesson 1 -- Pages 105 - 112**

### Video Links:

- [Complementary and supplementary angles | Angles and intersecting lines | Geometry | Khan Academy](#)

## Lesson 2: Angles Formed by Parallel Lines

**Absolute Value Workbook: Reasoning with Angles and Triangles: Lesson 2 -- Pages 113 - 118**

### Video Links:

- [Example involving an isosceles triangle and parallel lines | Congruence | Geometry | Khan Academy](#)

## Lesson 3: Angle and Properties in Triangles

**Absolute Value Workbook: Reasoning with Angles and Triangles: Lesson 3 -- Pages 119 - 128**

### Video Links:

- [2.3 Angle Properties in Triangles](#)

### Lesson 4: Angle Properties in Polygons

Absolute Value Workbook: Reasoning with Angles and Triangles: Lesson 4 -- Pages 127 - 134

#### Video Links:

- [2.4 Angle Properties in Polygons](#)

### Lesson 5: Exploring Congruent Triangles\

Absolute Value Workbook: Reasoning with Angles and Triangles: Lesson 4 -- Pages 135 - 142

#### Video Links:

- [Finding congruent triangles | Congruence | Geometry | Khan Academy](#)

### Lesson 6: Proving Congruent Triangles

Absolute Value Workbook: Reasoning with Angles and Triangles: Lesson 4 -- Pages 135 - 142