Learning Targets

## Learning Targets

### Congruence

### Lesson 1: Congruent Parts, Part 1

* I can identify corresponding parts from a congruence statement.
* I can use rigid transformations to figure out if figures are congruent.
* I can write a congruence statement.

### Lesson 2: Congruent Parts, Part 2

* I can identify corresponding parts from a congruence statement.
* I can use rigid transformations to explain why figures are congruent.
* I can write a congruence statement.

### Lesson 3: Congruent Triangles, Part 1

* I can explain why if all the corresponding sides and angles of two triangles are congruent, then the triangles are congruent.

### Lesson 4: Congruent Triangles, Part 2

* I can write conjectures about what I need to know to prove two triangles are congruent.

### Lesson 5: Points, Segments, and Zigzags

* I can write a proof that segments of the same length are congruent.

### Lesson 6: Side-Angle-Side Triangle Congruence

* I can explain why the Side-Angle-Side Triangle Congruence Theorem works.
* I can use the Side-Angle-Side Triangle Congruence Theorem in a proof.

### Lesson 7: Angle-Side-Angle Triangle Congruence

* I can explain why the Angle-Side-Angle Triangle Congruence Theorem works.
* I can use the Angle-Side-Angle Triangle Congruence Theorem in a proof.

### Lesson 8: The Perpendicular Bisector Theorem

* I can critique an explanation of the Perpendicular Bisector Theorem.
* I can explain why the Perpendicular Bisector Theorem is true.

### Lesson 9: Side-Side-Side Triangle Congruence

* I can explain why the Side-Side-Side Triangle Congruence Theorem works.
* I can use the Side-Side-Side Triangle Congruence Theorem in a proof.

### Lesson 10: Practicing Proofs

* I can use the Side-Side-Side, Angle-Side-Angle, and Side-Angle-Side Triangle Congruence Theorems in proofs.
* I can write conjectures about quadrilaterals.

### Lesson 11: Side-Side-Angle (Sometimes) Congruence

* I know Side-Side-Angle does not guarantee triangles are congruent.

### Lesson 12: Proofs about Quadrilaterals

* I can critique a proof about quadrilaterals.
* I can prove theorems about quadrilaterals.
* I can rewrite a conjecture so it is specific enough to prove.

### Lesson 13: Proofs about Parallelograms

* I can prove theorems about the diagonals of a parallelogram.

### Lesson 14: Bisect It

* I can critique a proof about constructions.
* I can explain why constructions work.

### Lesson 15: Congruence for Quadrilaterals

* I can use rigid transformations to prove quadrilaterals are congruent.
* I can write conjectures about quadrilateral congruence.



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