

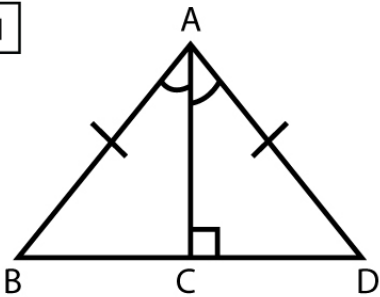
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Score : \_\_\_\_\_ Date : \_\_\_\_\_

### Proving Congruent Triangles Worksheet

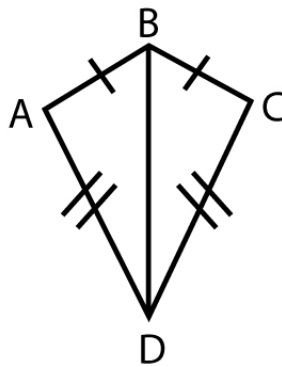
State whether the following pairs of triangles are congruent. If they are, identify the theorem that supports your conclusion.

1



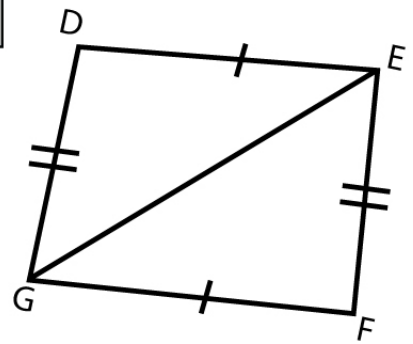
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2



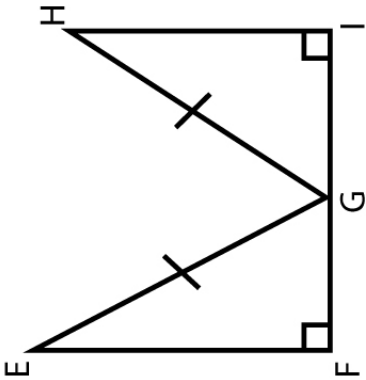
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3



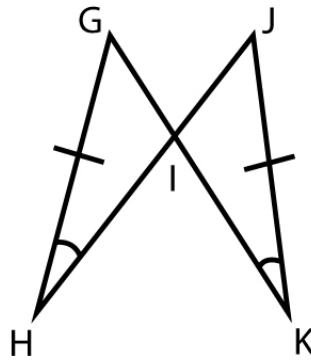
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4



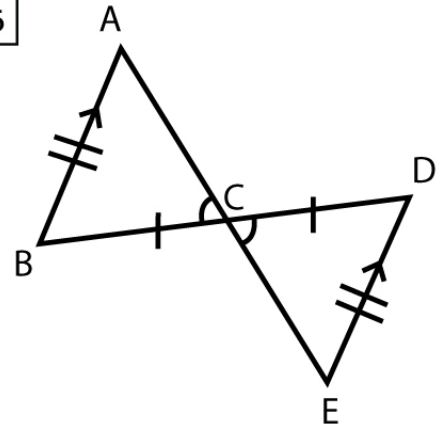
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5



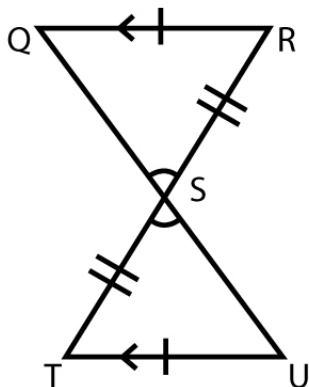
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6



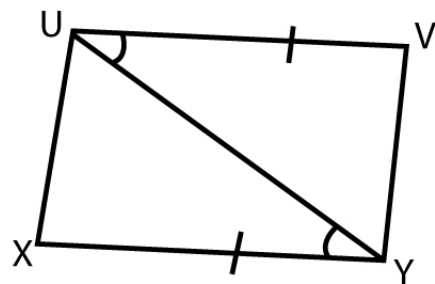
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7



\_\_\_\_\_

8



\_\_\_\_\_

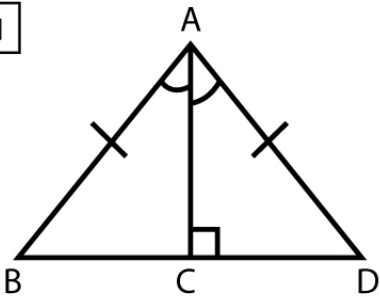
Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

## Proving Congruent Triangles Worksheet

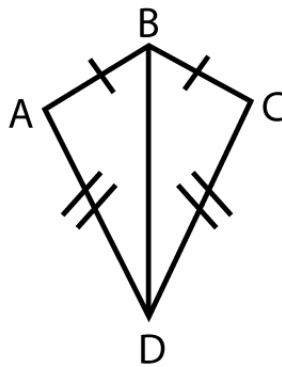
### Answers

1



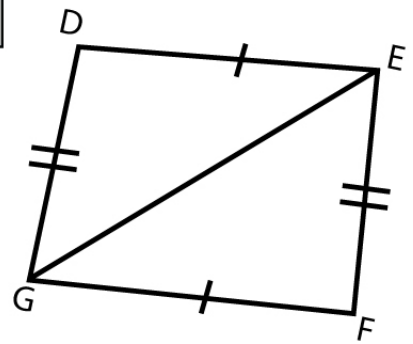
Congruent by ASA Congruence Theorem

2



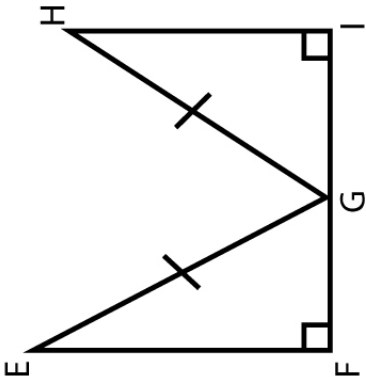
Congruent by SSS Congruence Theorem

3



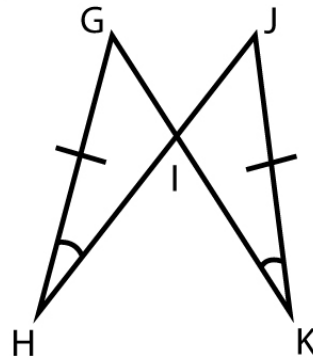
Congruent by SSS Congruence Theorem

4



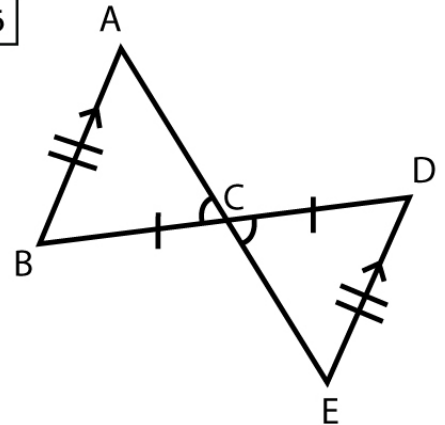
Congruent by HL Congruence Theorem

5



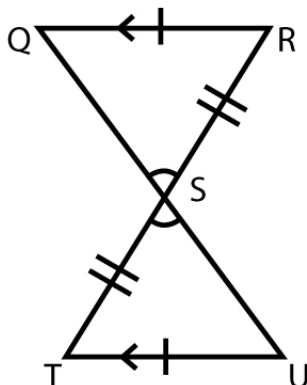
Congruent by AAS Congruence Theorem

6



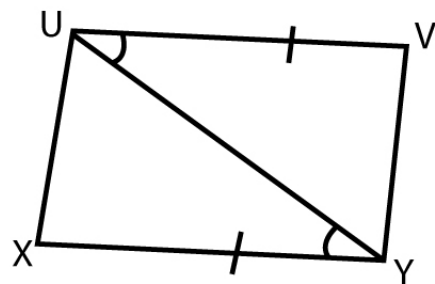
Congruent by SAS Congruence Theorem

7



Congruent by ASA Congruence Theorem

8



Congruent by SAS Congruence Theorem