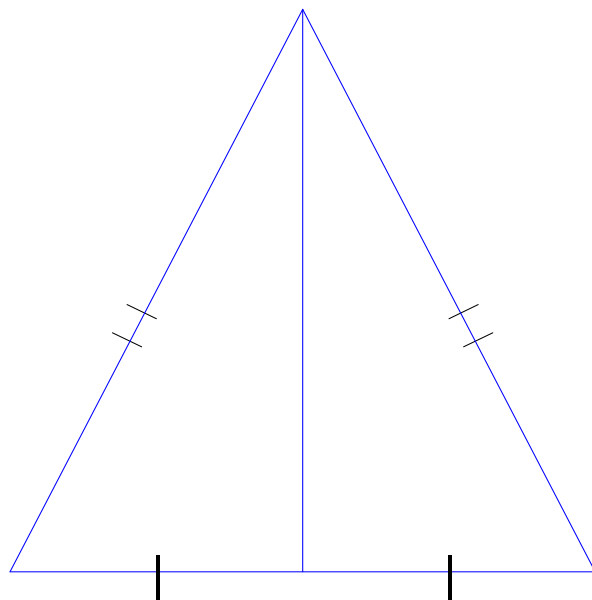


**Problems from triangles**

1. Quadrilateral NICE is congruent to Quadrilateral WORK. Identify the side congruent to IC.

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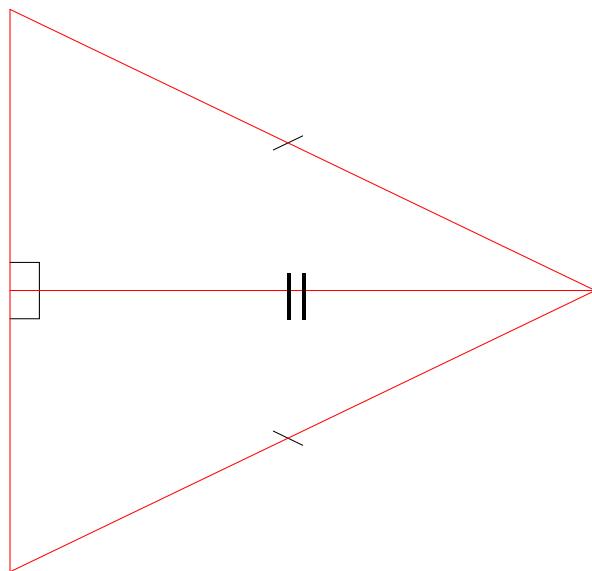
2. Identify the triangle congruence represented in the diagram.



Circle correct answer:

SAS   SSS   Not Congruent   ASA   AAS   HL

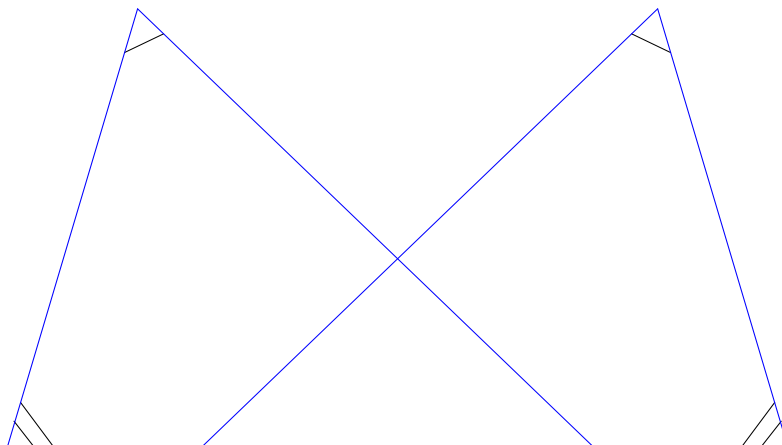
3. Identify the triangle congruence represented in the diagram..



Circle correct answer:

SSS   AAS   SAS   ASA   Not Congruent   HL

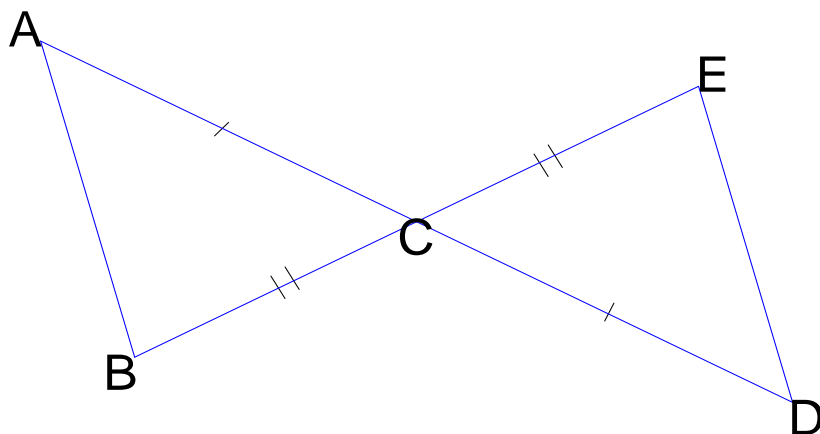
4. Identify the triangle congruence represented in the diagram..



Circle correct answer:

Not Congruent   SAS   HL   AAS   ASA   SSS

5.



In the diagram, triangle  $ABC$  is congruent to triangle \_\_\_\_\_. Note: Put the vertices in the correct order.

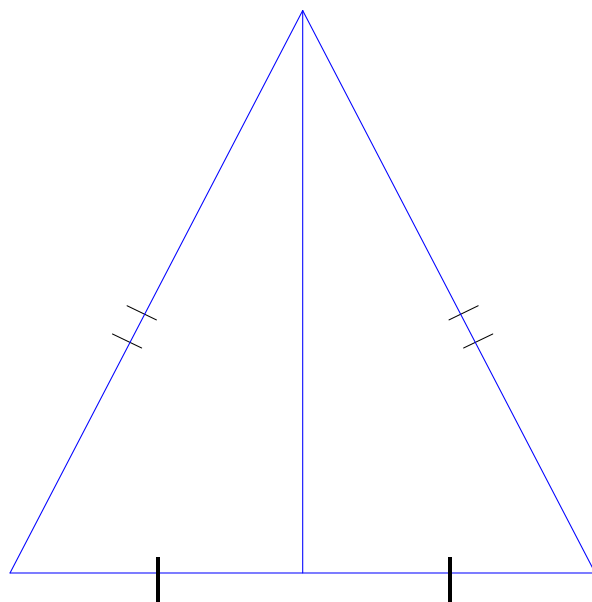
6. Nemo gets out of his anchored boat and swims due south for 350 yards then west for 400 yards and north for 600 yards, how far away is Nemo from the boat? \_\_\_\_\_

**Answer Key** for triangles

1. [MA223]
  - ◇ OR#RO
2. [MAH225]
  - ◇ SSS
3. [MAH225]
  - ◇ HL
4. [MAH225]
  - ◇ AAS
5. [MAH225]
  - ◇ DEC
6. [MAH224]
  - ◇  $50\sqrt{89}$

**Problems from triangles**

1. Identify the triangle congruence represented in the diagram.

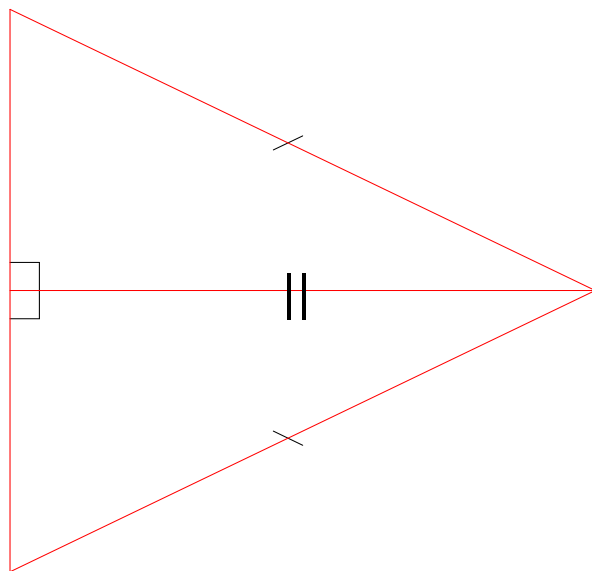


Circle correct answer:

AAS   HL   SSS   ASA   Not Congruent   SAS



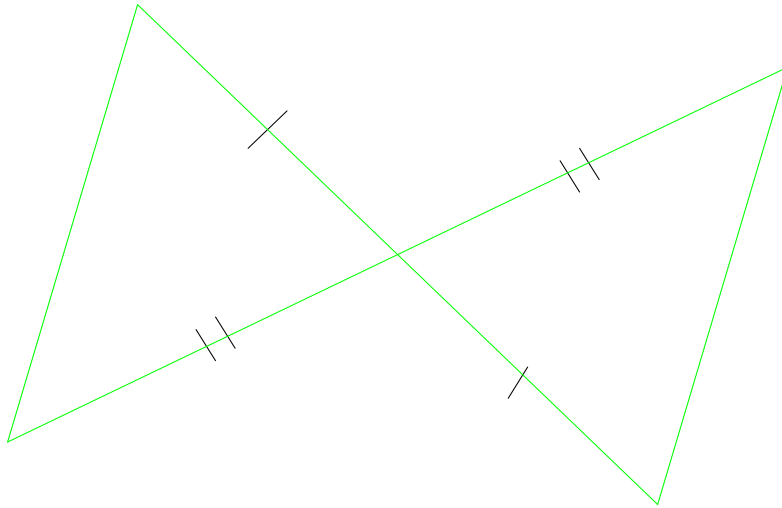
2. Identify the triangle congruence represented in the diagram..



Circle correct answer:

SSS   AAS   SAS   ASA   Not Congruent   HL

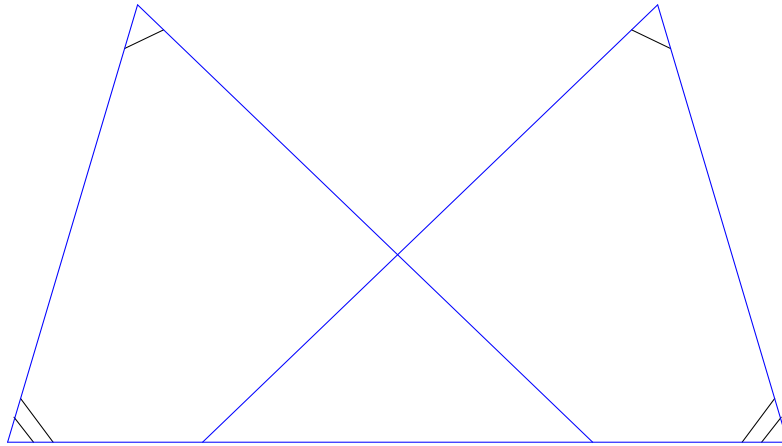
3. Identify the triangle congruence represented in the diagram..



Circle correct answer:

HL   Not Congruent   SAS   ASA   AAS   SSS

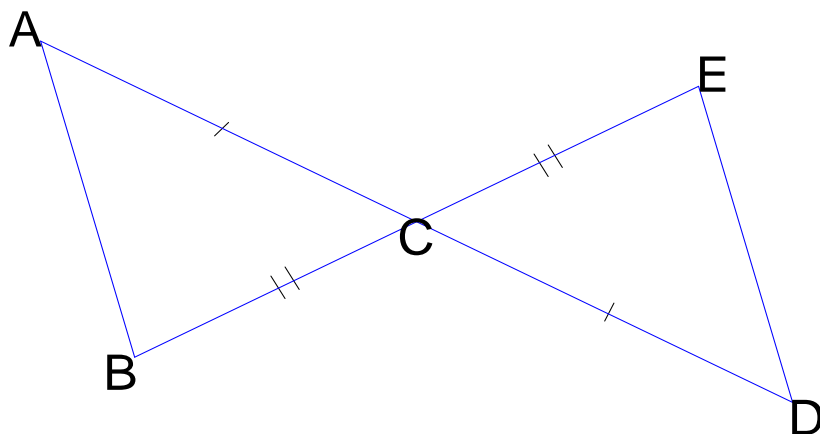
4. Identify the triangle congruence represented in the diagram..



Circle correct answer:

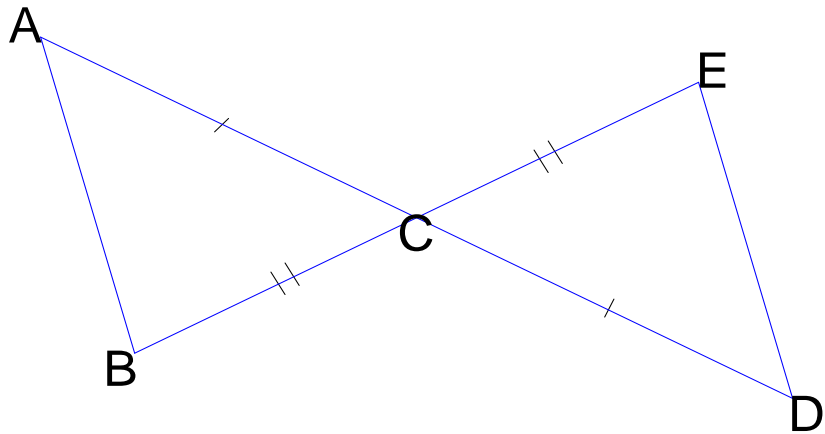
SSS   ASA   AAS   SAS   Not Congruent   HL

5.



In the diagram, triangle ABC is congruent to triangle \_\_\_\_\_. Note: Put the vertices in the correct order.

6.



In the diagram, triangle  $ABC$  is congruent to triangle \_\_\_\_\_. Note: Put the vertices in the correct order.

**Answer Key** for triangles

1. [MAH225]
  - ◇ SSS
2. [MAH225]
  - ◇ HL
3. [MAH225]
  - ◇ SAS
4. [MAH225]
  - ◇ AAS
5. [MAH225]
  - ◇ DEC
6. [MAH225]
  - ◇ DEC