

Worksheet 1

(Videos: "What are congruent figures?" and "When are two triangles congruent?")

<https://www.youtube.com/watch?v=86iU3fypTd4>

https://www.youtube.com/watch?v=GmS-p1S_t5E

▪ **Choose from the list (1–4) the right definition for the list (a–d):**

- | | |
|--|-------------|
| 1. Two parts of the plane bordered by two rays with a common endpoint. | a. Polygon |
| 2. A polygon with three sides and three vertices. | b. Angle |
| 3. One of the lines bounding a geometric figure. | c. Side |
| 4. A plane figure with at least three straight sides and angles. | d. Triangle |

▪ **Complete the sentences:**

Two figures are _____ when they are the same _____ and the _____ shape.

Two triangles are congruent if all the _____ sides and all the corresponding _____ are _____ .

▪ **Answer this question:**

How many elements does a triangle have?
