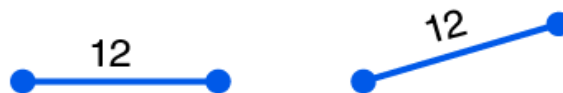


Congruent Figures

⇒ The meaning of congruent in Maths is addressed to those figures and shapes that can be repositioned or flipped to coincide with the other shapes. These shapes can be reflected to coincide with similar shapes.

Two shapes are congruent if they have the same shape and size. We can also say if two shapes are congruent, then the mirror image of one shape is the same as the other.

Two line segments are said to be congruent to each other if they have equal lengths. They may or may not align at the same angle with an axis or position in the plane. To find whether one line segment is congruent to the other or not, we use the same method of superposition as discussed above. Thus, if the two ends of the two-line segments lie on one another, they are congruent.



Congruent Line Segment