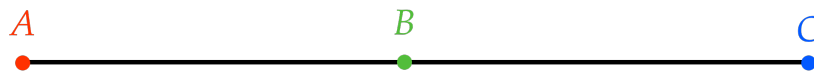The midpoint of $\overline{AC}$ is the point B between A and C such that $AB = BC$.

A   B   C

$$AB = BC$$

Point B is between A and C

Point B is the midpoint of $\overline{AC}$.

The midpoint of $\overline{AC}$ is the point B between A and C such that $AB = BC$.

X $2x + 11$ Y $5x - 7$ Z

Point Y is the midpoint of $\overline{XZ}$

solve for x, XY, and XZ

The midpoint of $\overline{AC}$ is the point B between A and C such that $AB = BC$.

A B C

Point B is between A and C

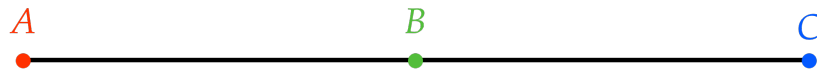$$AB = BC$$

Point B is the midpoint of $\overline{AC}$.

Definition of a Midpoint