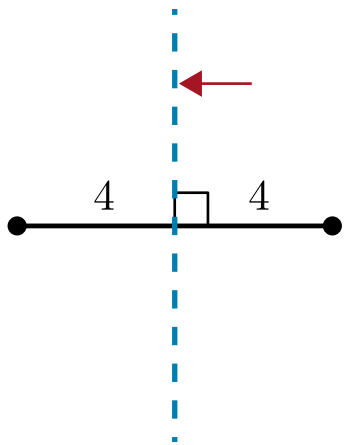
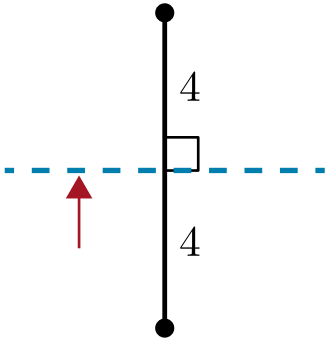
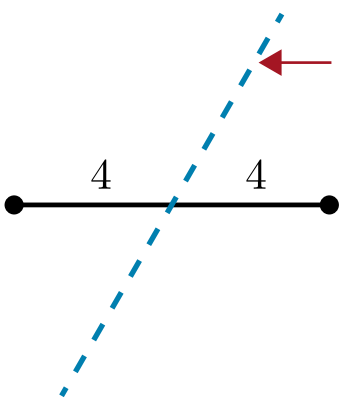


# Perpendicular Bisector

## Examples & Non-Examples

| Example                                                                           | Example                                                                           | Non-Example                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |

## Definition

A **perpendicular bisector** is a line, segment, or ray that:

1. **Intersects a segment at its midpoint** (it bisects the segment), and
2. **Forms a 90-degree angle** with that segment (it is perpendicular to it).

In other words, a perpendicular bisector cuts a segment exactly in half **and** does so at a right angle.

