

Types of Angles

The construction industry is responsible for building safe structures such as homes, office buildings, churches, and schools.

To build safe structures, construction crews and managers must know a lot of math--especially skills related to geometry.

Many times, each day, workers measure materials, cut them to form, and connect them together.

Some situations require construction workers to know about angles.

Workers must make precise measurements before cutting wood for a house's frame. Some cuts are perpendicular to the length of the board, while other cuts create acute or obtuse angles.

Installing roof panels requires workers to fit sheets of wood or metal together tightly. And some pieces may need to be cut and arranged at odd angles to completely cover the roof.

Lumber that supports the house's overall structure must be placed at the correct angles or the entire house can collapse!

In this lesson, we'll explore how angles that appear in the same space, such as a house frame, relate to each other.