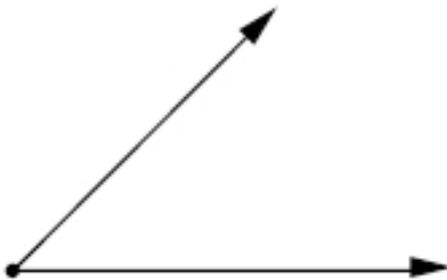


### Angles

Angles are formed when two or more lines come together at a point. The angle in the image below is 45 degrees. A right angle, where the two lines are perpendicular to each other, is 90 degrees. The closer together the two lines, the smaller the angle.

The symbol for angle is “ $\angle$ .”  
This angle measures  $45^\circ$ .



Firefighters use angles everyday. Angles can help determine position using a compass or on a map. The slope of an incline can be expressed as an angle, and can be a deciding factor in whether a dozer can drive safely up the incline. Angles also provide information about the steepness of slope to determine potential effects on fire spread.