

School-Home Letter

Dear Family,

Throughout the next few weeks, our math class will be learning about angles and angle measures. We will also learn to use a protractor to measure and draw angles.

You can expect to see homework in which students find and compute with angle measures.

Here is a sample of how your child will be taught how to relate degrees to fractional parts of a circle.

Vocabulary

clockwise The direction the clock hands move

counterclockwise The direction opposite from the way clock hands move

degree (°) A unit for measuring angles

protractor A tool for measuring the size of an angle

MODEL Find Angle Measures

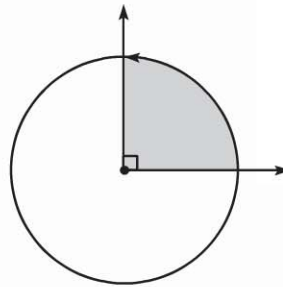
Find the measure of a right angle.

STEP 1

A right angle turns $\frac{1}{4}$ through a circle. Write $\frac{1}{4}$ as an equivalent fraction with 360 in the denominator: $\frac{1}{4} = \frac{90}{360}$

STEP 2

A $\frac{1}{360}$ turn measures 1° . So, a $\frac{90}{360}$ turn measures 90° .



Tips

Classifying Angles

An *acute* angle measures *less than* 90° . An *obtuse* angle measures *more than* 90° and *less than* 180° .

A *straight* angle measures 180° .

Activity

Help your child measure angles in pictures of buildings and bridges and decide whether certain angle measures are more common. Then have your child draw his or her own building or bridge design and label each angle measure.