

Activity 2: Making Angles

Provide time for your child to read the information and watch the first two interactive tools at the following web link (he should stop at the "Have a Go Yourself!" section).

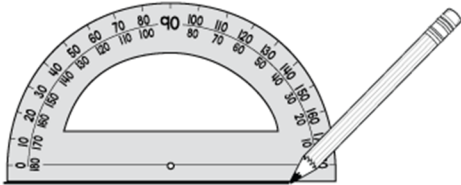
Using a Protractor
www.movingbeyondthepage.com/link/7738/

Now, ask, "What do you need to do to draw an angle?" (draw a line, use a ruler and protractor, place a dot over the measure you want to make, connect the dot to the end of the line) Allow your child to re-watch the interactive tools as needed. When he's ready, give him the "Drawing Angles" page and ask him to read over the example of making a 45-degree angle. He should follow the steps and make a 45-degree angle of his own at the bottom of the page and additional angles on the second page.

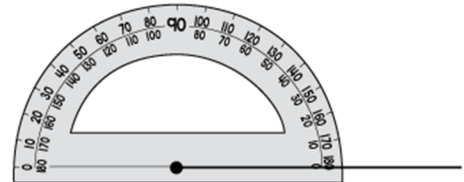
DRAWING ANGLES

Draw a 45 degree angle.

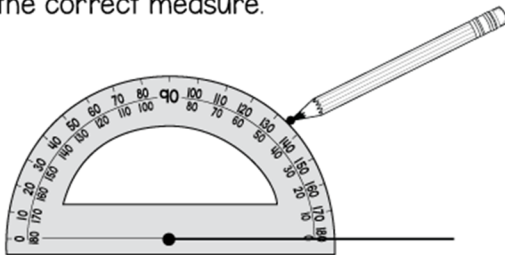
1. Use a ruler or the bottom of the protractor to draw a straight line.



2. Draw a dot at one end of the line. Line up the middle point on the bottom of the protractor with the dot.

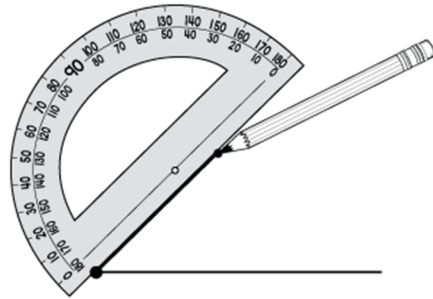


3. Find the angle measure on the protractor scale. Be sure to use the correct number based on the angle being acute or obtuse! Make a dot with your pencil at the correct measure.

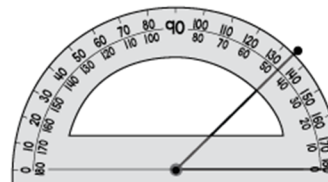


45 degrees = acute

4. Using a ruler or the bottom of the protractor, connect the two dots with your pencil.



5. Double check that the drawn angle is acute if less than 90 degrees and obtuse if more than 90 degrees.



45 degrees = acute ✓

You Try!

Instructions: Follow the steps to create the angles.

1. Draw a 90 degree angle.

2. Draw a 120 degree angle.

3. Draw a 30 degree angle.

4. Draw a 165 degree angle.