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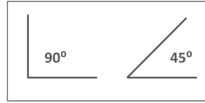
GOOD NEWS!

- Good News!
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News from Ms. Williams (May 2016)

Knowing All the Angles

In Ms. Williams' 2<sup>nd</sup> period math class, her students recently started exploring geometry. Geometry is the mathematical study of shapes, and students began their geometrical journey by learning how to measure angles. Angles get measured in degrees, which are represented by the math symbol  $^{\circ}$ . So, an angle that is a perfect L shape is a  $90^{\circ}$  angle, while half of that angle is  $45^{\circ}$  (see top picture).



Students began by learning to estimate basic angles. For example, would look at an angle and decide if it was closer to  $45^{\circ}$  or  $90^{\circ}$ . After estimating, they would take an exact measurement with a protractor, a plastic math tool that allows you to precisely measure the degree of an angle. Later, they will start learning to measure geometric angles made by two lines emanating out of the center of a circle, and eventually beginning exploring the complex world of geometry formulas.



Bottom picture: Sha'Niya Jordan and Monique Pettigrew demonstrate how to measure and draw exact angles using a protractor and pencil.