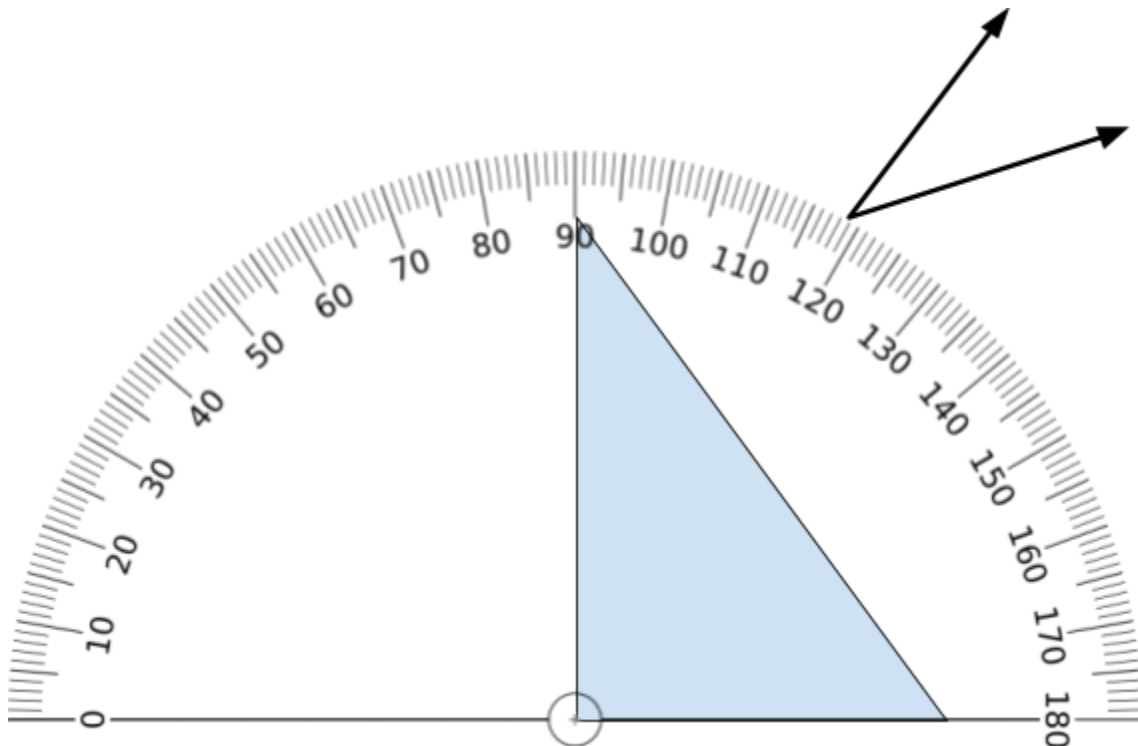


Using Google Drawing with Math Tasks

Using Google Drawings for Math tasks can support students with accomplishing drawing assignments and it can also be used as a platform for virtual manipulatives. Google Drawings is an online tool for creating diagrams, flowcharts, and other images. Drawings allows you to create and edit pictures by using shapes, text boxes, lines, arrows, tables, other images, and more. Students can move the objects on the drawing canvas around allowing them to model their understanding of a concept. Students can click on the pre-created manipulative shape and drag the shape to other areas of the canvas. Students can annotate and explain their thinking when given an image or problem.

Virtual Manipulatives

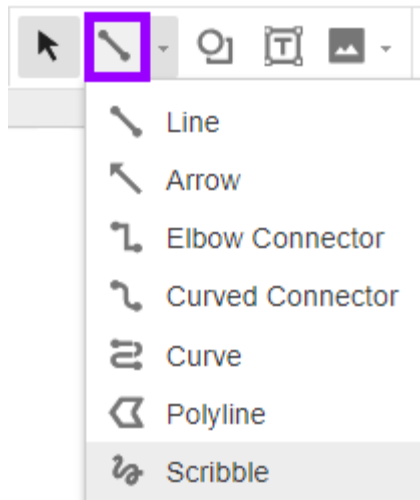
Create a google drawing as a virtual manipulative. See measuring an angle with protractor sample below. To create this file:



1. Insert the protractor image file in google drawings



2. Insert the shape



or line(s)

Math Assignments

Using Google Drawing as a worksheet or assignment for students to explain their thinking. Click image to see the example in google drawing.

22 children are going on a field trip to the park.

Parents are driving them in their cars. Each car can hold 4 children

How many cars are needed to take the children to the park?

Show your answer with the manipulatives and with an equation.

ties are off canvas -->