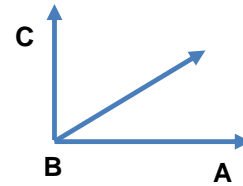


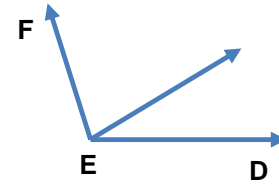
Angle Measures



Materials: rulers, protractors

1. Draw an angle that measures 90° . Label the angle $\angle ABC$.
2. Divide $\angle ABC$ into two smaller angles. Measure one of the smaller angles using a protractor.
3. How can you find the measure of the second angle without using a protractor? Use an equation with a symbol for the unknown angle measure. Solve the equation.
4. Repeat steps 1-3 five times. Divide $\angle ABC$ into two smaller angles in different ways.

Angle Measures

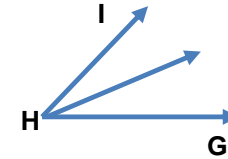


Materials: rulers, protractors

1. Draw an angle with a measure greater than 90° . Label the angle $\angle DEF$.
2. Divide $\angle DEF$ into two smaller angles. Measure one of the smaller angles using a protractor.
3. How can you find the measure of the second angle without using a protractor? Use an equation with a symbol for the unknown angle measure. Solve the equation.
4. Repeat steps 1-3 five times. Divide $\angle DEF$ into two smaller angles in different ways.

Angle Measures

Materials: rulers, protractors



1. Draw an angle with a measure less than 90° . Label the angle $\angle GHI$.
2. Divide $\angle GHI$ into two smaller angles. Measure one of the smaller angles using a protractor.
3. How can you find the measure of the second angle without using a protractor? Use an equation with a symbol for the unknown angle measure. Solve the equation.
4. Repeat steps 1-3 five times. Divide $\angle GHI$ into two smaller angles in different ways.