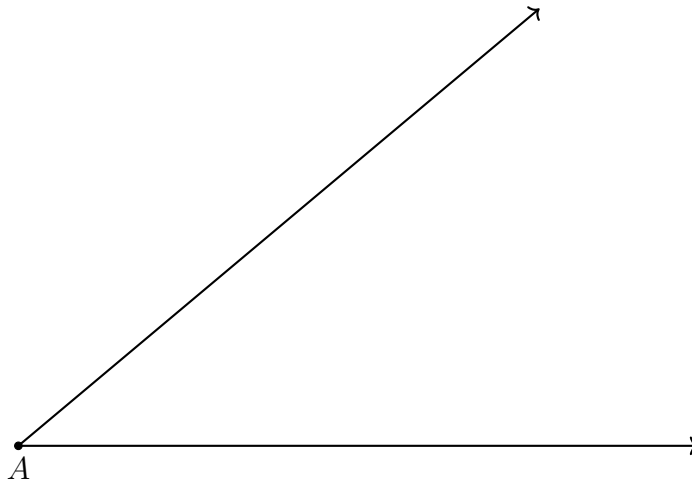


Name:

2.4 Classwork: Angle bisector

1. Given an angle with vertex A .
 - (a) Using a protractor, measure angle A in degrees. $m\angle A =$
 - (b) Draw a ray \overrightarrow{AB} that exactly bisects $\angle A$.
 - (c) What is the measure of each half angle?



2. An angle bisector is shown below, with \overrightarrow{PR} bisecting $\angle QPS$. Given $m\angle QPR = 3x - 12$ and $m\angle QPS = 5x + 4$, find $m\angle QPS$.

