

Measuring Angles

AAD 1

Instructions: Use a protractor to measure how many degrees each angle is. If you don't have a protractor, then just estimate and see how close you got.

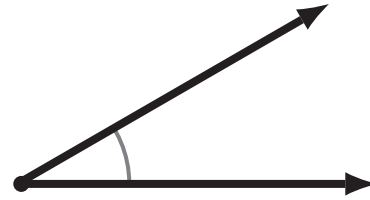


1

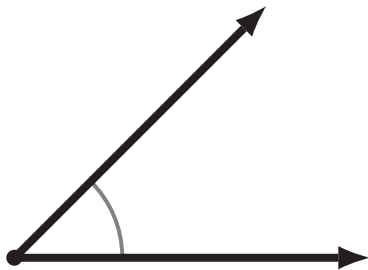


15°

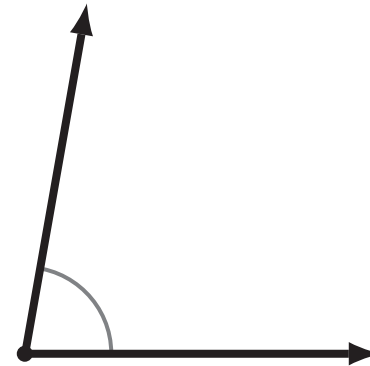
2



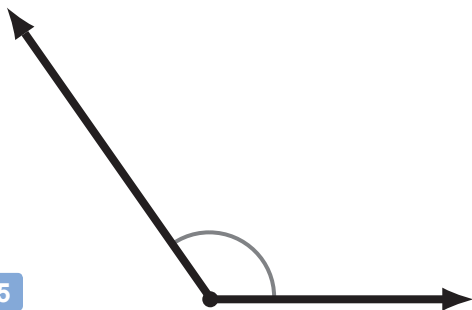
3



4



5



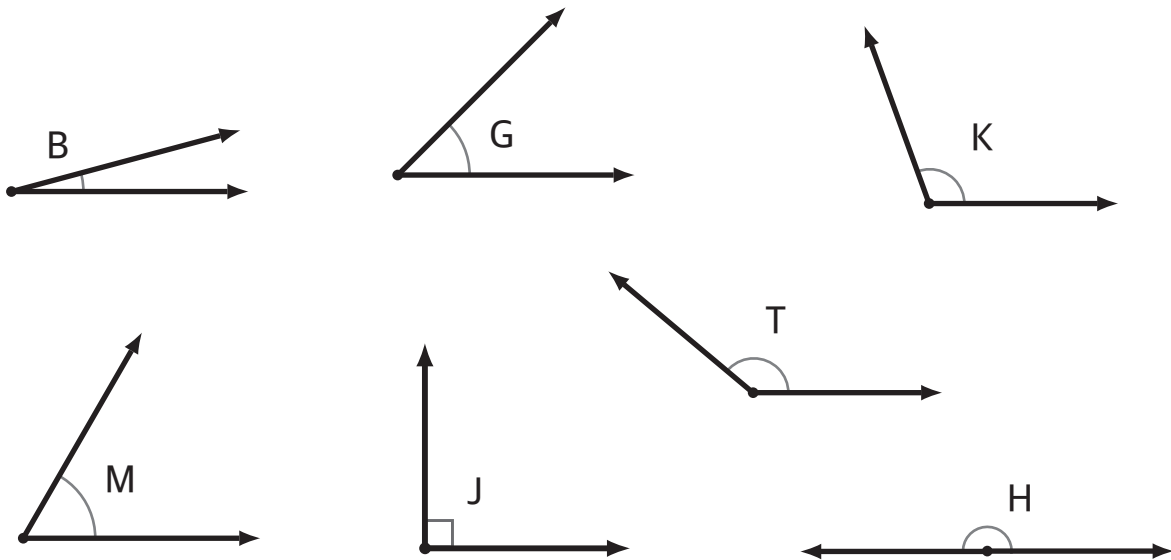
6



Comparing Angles

AAD 2

Instructions: Use the greater-than '>' and less-than '<' signs to compare these angles. (If you have trouble comparing the angles visually, you can use a protractor to measure them.)



1 $\angle B < \angle G$

2 $\angle J \bigcirc \angle G$

3 $\angle M \bigcirc \angle B$

4 $\angle T \bigcirc \angle H$

5 $\angle J \bigcirc \angle K$

6 $\angle J \bigcirc \angle H$

7 $\angle T \bigcirc \angle M$

8 $\angle K \bigcirc \angle G$

9 $\angle G \bigcirc \angle M$

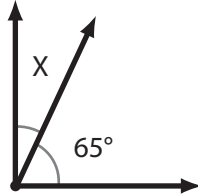
10 $\angle T \bigcirc \angle K$

Finding an Unknown Angle

AAD 3

Instructions: For each set of complementary or supplementary angles, find the unknown angle (X).

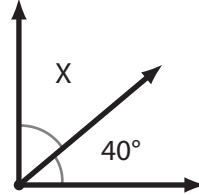
1



$m\angle X = \underline{25^\circ}$

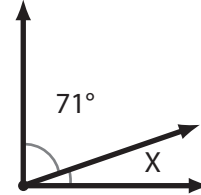
$$\begin{array}{r} 90 \\ - 65 \\ \hline 25 \end{array}$$

2



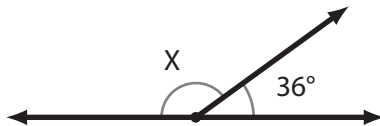
$m\angle X = \underline{\hspace{2cm}}$

3



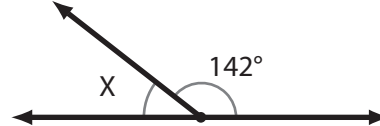
$m\angle X = \underline{\hspace{2cm}}$

4



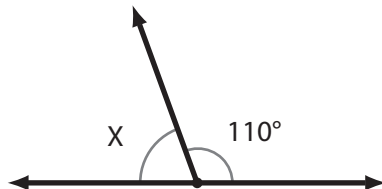
$m\angle X = \underline{\hspace{2cm}}$

5



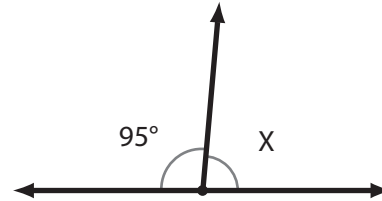
$m\angle X = \underline{\hspace{2cm}}$

6



$m\angle X = \underline{\hspace{2cm}}$

7



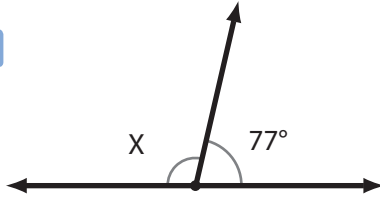
$m\angle X = \underline{\hspace{2cm}}$

Finding an Unknown Angle - Set 2

AAD 4

Instructions: For each set of complementary or supplementary angles, find the unknown angle (X).

1



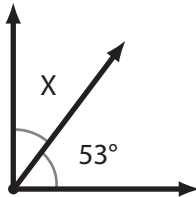
$m\angle X = \underline{\hspace{2cm}}$

2



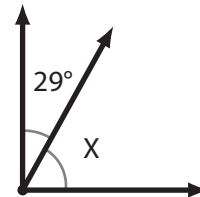
$m\angle X = \underline{\hspace{2cm}}$

3



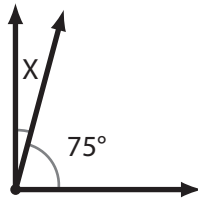
$m\angle X = \underline{\hspace{2cm}}$

4



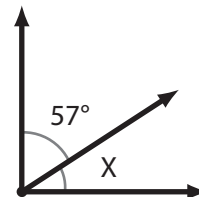
$m\angle X = \underline{\hspace{2cm}}$

5



$m\angle X = \underline{\hspace{2cm}}$

6



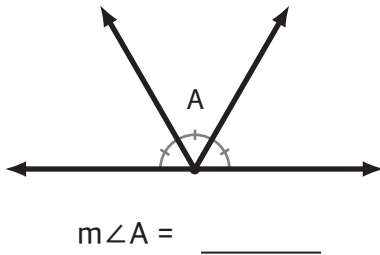
$m\angle X = \underline{\hspace{2cm}}$

Finding an Unknown Angle - Set 3

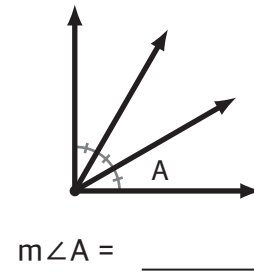
AAD 5

Instructions: Find the unknown angle (A). These problems are a little more tricky, so if you have trouble, ask someone for help or check the answer key to see the solutions.

- 1 This supplementary angle is divided into three **equal** parts.



- 2 This complementary angle is divided into three **equal** parts.



- 3
-
- $m\angle A = \underline{\hspace{2cm}}$

- 4 $m\angle A = m\angle B$

