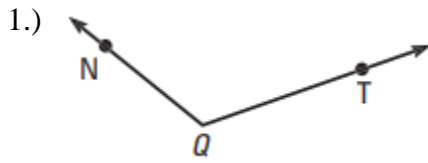


Lesson 1.4 Worksheet

Name: _____

Write three names for the angle pictured below. Then name the vertex and sides of the angle.



Name 1: _____

Vertex: _____

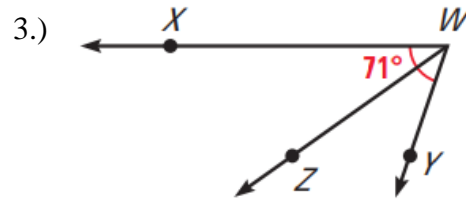
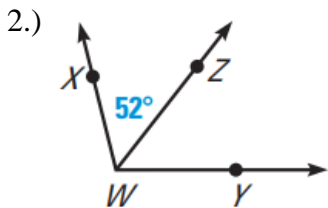
Name 2: _____

Side 1: _____

Name 3: _____

Side 2: _____

Given that \overrightarrow{WZ} bisects $\angle XWY$, find the two angle measures not given in the diagram (There are 3 total!).



In exercises 4-9, find the indicated angle measure using the picture on the right.

4.) $a =$ _____

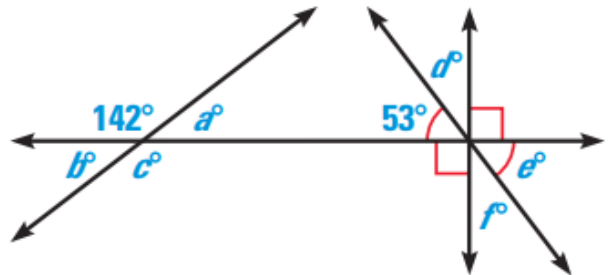
5.) $b =$ _____

6.) $c =$ _____

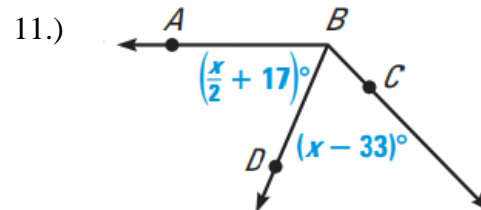
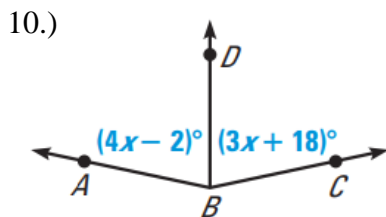
7.) $d =$ _____

8.) $e =$ _____

9.) $f =$ _____



In each diagram below, \overrightarrow{BD} bisects $\angle ABC$. Find the measure of $m\angle ABC$.



$m\angle ABC =$ _____

$m\angle ABC =$ _____