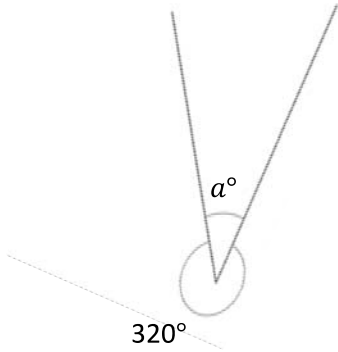


Name _____

Date _____

Write an equation and solve for the unknown angle measurements numerically.

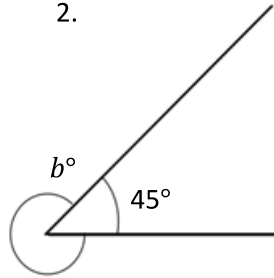
1.



$$\underline{\hspace{1cm}}^\circ + 320^\circ = 360^\circ$$

$$a^\circ = \underline{\hspace{1cm}}^\circ$$

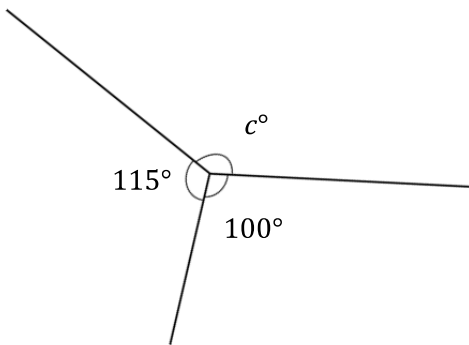
2.



$$\underline{\hspace{1cm}}^\circ + \underline{\hspace{1cm}}^\circ = 360^\circ$$

$$b^\circ = \underline{\hspace{1cm}}^\circ$$

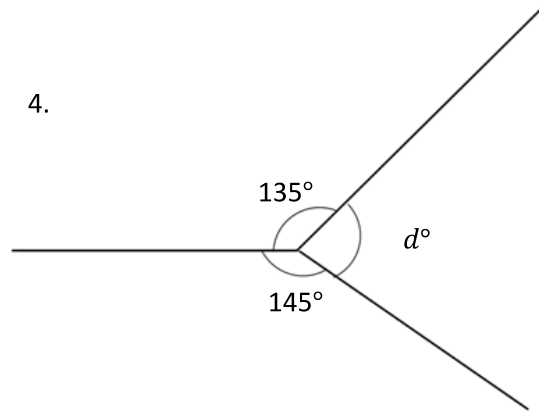
3.



$$\underline{\hspace{1cm}}^\circ + \underline{\hspace{1cm}}^\circ + \underline{\hspace{1cm}}^\circ = \underline{\hspace{1cm}}^\circ$$

$$c^\circ = \underline{\hspace{1cm}}^\circ$$

4.



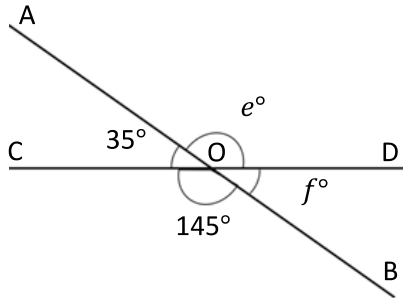
$$\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$d^\circ = \underline{\hspace{1cm}}$$

Write an equation and solve for the unknown angles numerically.

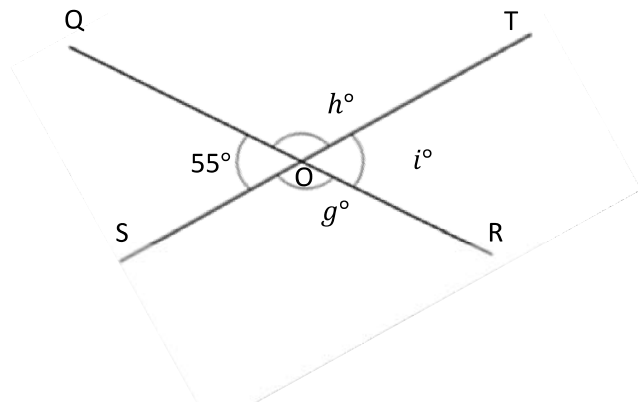
5. O is the intersection of \overline{AB} and \overline{CD} .
 $\angle COB$ is 145° and $\angle AOC$ is 35°

$e^\circ = \underline{\hspace{2cm}}$ $f^\circ = \underline{\hspace{2cm}}$



6. O is the intersection of \overline{QR} and \overline{ST} .
 $\angle QOS$ is 55° .

$g^\circ = \underline{\hspace{2cm}}$ $h^\circ = \underline{\hspace{2cm}}$ $i^\circ = \underline{\hspace{2cm}}$



7. O is the intersection of \overline{UV} , \overline{WX} , and \overline{YO} .
 $\angle VOX$ is 46° .

$j^\circ = \underline{\hspace{2cm}}$ $k^\circ = \underline{\hspace{2cm}}$ $m^\circ = \underline{\hspace{2cm}}$

