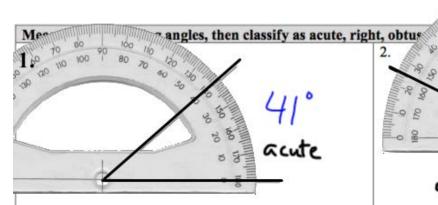
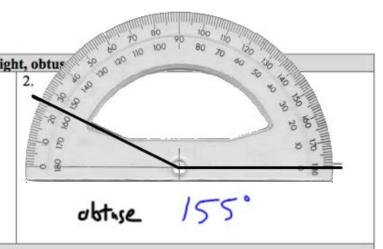
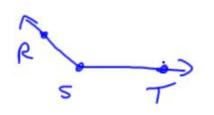
1.3 Practice Solutions



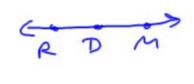


Draw a figure that fits each description.

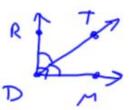
an obtuse angle, ∠RST



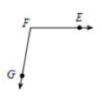
4. a straight angle, ∠RDM



5. a right angle, ∠RDM with an angle bisector of \overline{TD} .



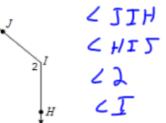
Name the vertex and sides of the angle.

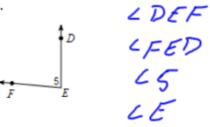


Sides = 34



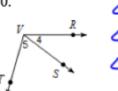
Name the angle four different ways.

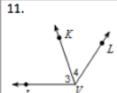


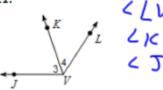


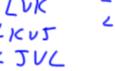
Name all the angles that have V as a vertex.

10.

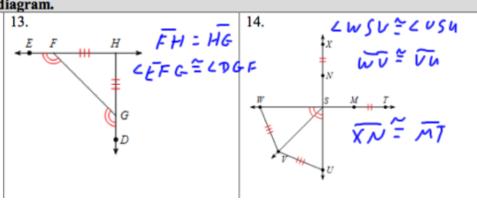








12. Tu = uw List all the information given by the diagram. 12. Tu = uw LT = cw

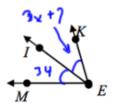


Label the picture and use it to answer the following.

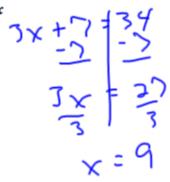
15

Given

 \overrightarrow{EI} is the angle bisector of $\angle MEK$ $m\angle MEI = 34^{\circ}$ $m\angle IEK = 3x + 7$



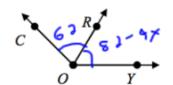
Find x



16.

Given

 $\angle COR \cong \angle ROY$ $m\angle COR = 62^{\circ}$ $m\angle ROY = 82 - 4x$



Find x

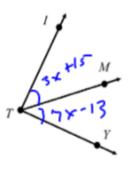
17.

Given

 \overrightarrow{TM} is the angle bisector of $\angle ITY$ $m\angle ITM = 3x + 15$

 $m \angle ITM = 3x + 15$ $m \angle MTY = 7x - 13$

Find $x \stackrel{3\times}{\longrightarrow} +15 \stackrel{7\times}{\longrightarrow} \stackrel{13}{\longrightarrow} \stackrel{-3\times}{\longrightarrow} \stackrel{+13}{\longrightarrow} \stackrel{+13}$

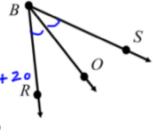


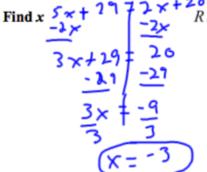
Find $m \angle MTY = 7 \times -13$

18.

Given

 $\angle RBO \cong \angle SBO$ $m\angle SBO = 5x + 29$ $m\angle RBO = 2x + 20$





Find
$$m \angle RBO = 2 \times + 26$$