

Practice Worksheet for Lesson 2-4

Name:

Mailbox #:

Find the measures of a complement and a supplement of $\angle K$.

1) $m\angle K = 72\frac{1}{2}$

2) $m\angle K = 2y$

3) What would the measures of two complementary angles be if they are congruent? Two supplementary angles?

In the diagram, $\angle AFB$ is a right angle. Name the figures described.

4) Another right angle

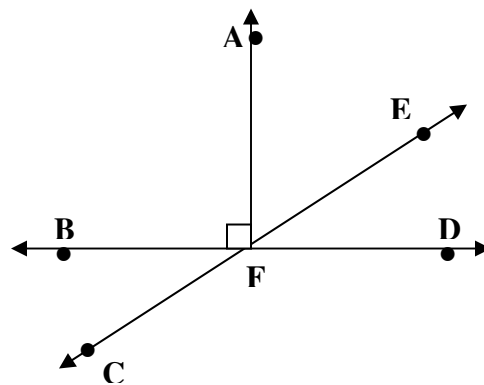
5) Two complementary angles

6) Two congruent supplementary \angle 's

7) Two non congruent supplementary angles

8) Two acute vertical angles

9) Two obtuse vertical angles



In the diagram, ray OT bisects $\angle SOU$, $m\angle UOV = 35^\circ$, and $m\angle YOW = 120^\circ$. Find the measure of each angle.

10) $m\angle ZOY$	
11) $m\angle ZOW$	
12) $m\angle VOW$	
13) $m\angle SOU$	
14) $m\angle TOU$	
15) $m\angle ZOT$	

16) solve for x 	17) Solve for x and y
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