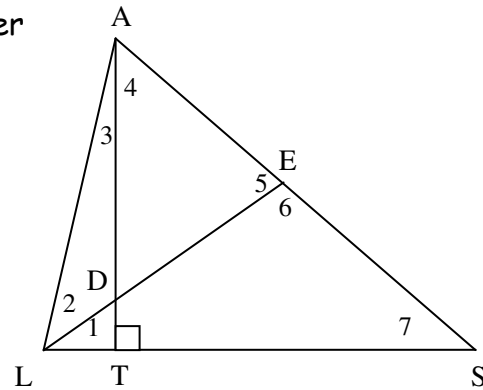


Practice Worksheet for Lesson 1-4

Name: _____

Use the diagram at the right to answer the following



1) Name the vertex and sides of $\angle 5$

2) Name all angles adjacent to $\angle ADE$

3) State another name for the angles

a) $\angle 1$

b) $\angle AST$

4) State whether the angle appears to be acute, right, obtuse, or straight.

a) $\angle 2$

b) $\angle LTS$

c) $\angle EDT$

d) $\angle ATL$

5) Complete.

a) $m\angle 3 + m\angle 4 = m\angle$ _____

b) $m\angle ALS - m\angle 2 = m\angle$ _____

c) If $m\angle 1 = m\angle 2$, then _____ bisects _____

6) Using a protractor draw the following angles.

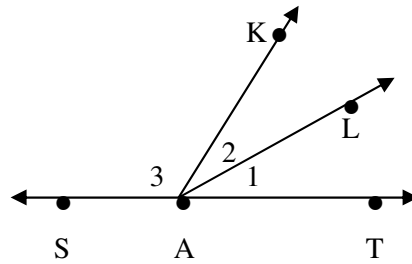
a) 110°

b) 75°



AL bisects $\angle KAT$. Use the diagram to find the value of x .

7) $m\angle 3 = 6x$, $m\angle KAT = 90 - x$



8) $m\angle 1 = 7x + 3$, $m\angle 2 = 6x + 7$

9) $m\angle 1 = 2x - 8$, $m\angle 3 = 116$

10) $m\angle 2 = x + 12$, $m\angle 3 = 6x - 20$

11) Find the $m\angle 2$, $m\angle 3$, and $m\angle 4$ when the $m\angle 1$ is:

a) 90°

b) 87°

