Name _Answer Key_   Date _____

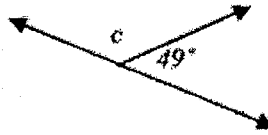# Homework #108 Complementary and Supplementary Angles
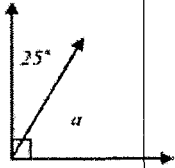
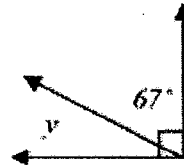|	
1) Solve m∠a 25° a These angles are _Complementary_. The measure of angle a is _65°_.	2) Solve m∠c c 49° These angles are _Supplementary_. The measure of angle c is _131°_.
3) Solve m∠x x 132° These angles are _Supplementary_. The measure of angle x is _48°_.	4) Solve m∠y 67° y These angles are _Complementary_. The measure of angle y is _23°_.
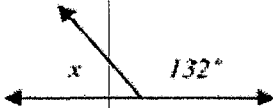
5) A pair of complementary angles has a sum of _90_°.

6) A pair of supplementary angles has a sum of _180_°.

7) Find the complement of an angle whose measure is 19°

$$\begin{array}{r} 90 \\ -19 \\ \hline 71° \end{array}$$

8) Find the supplement of an angle whose measure is 14°

$$\begin{array}{r} 180 \\ -14 \\ \hline 166° \end{array}$$