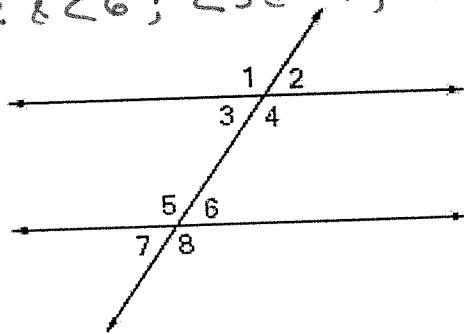


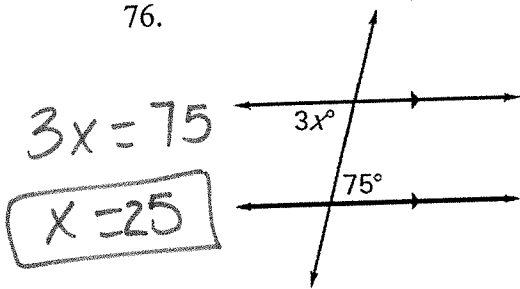
Use the diagram to list all pairs of the defined angles.

71. Vertical angles $\angle 1, \angle 4$; $\angle 2 \& \angle 3$; $\angle 5 \& \angle 8$; $\angle 6 \& \angle 7$
72. Corresponding angles $\angle 1 \& \angle 5$; $\angle 2 \& \angle 6$; $\angle 3 \& \angle 7$; $\angle 4 \& \angle 8$
73. Alternate Interior angles $\angle 3 \& \angle 6$
 $\angle 4 \& \angle 5$
74. Consecutive Interior angles $\angle 3 \& \angle 5$
 $\angle 4 \& \angle 6$
75. Alternate Exterior angles $\angle 1 \& \angle 8$
 $\angle 2 \& \angle 7$

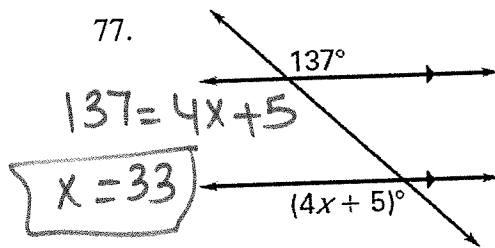


Find the value of x .

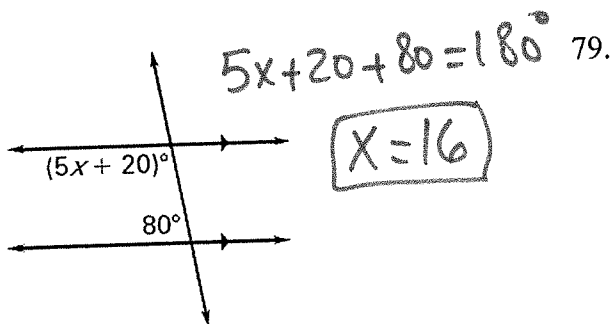
76.



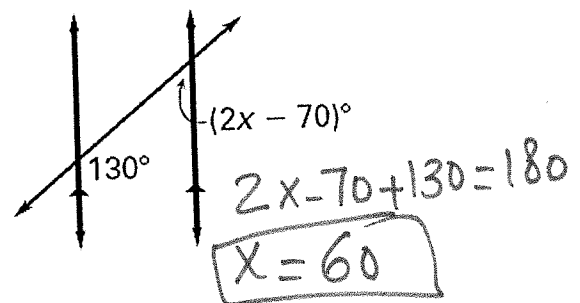
77.



78.

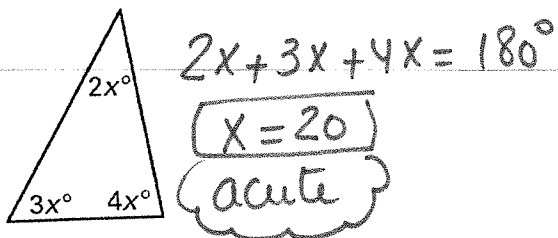


79.

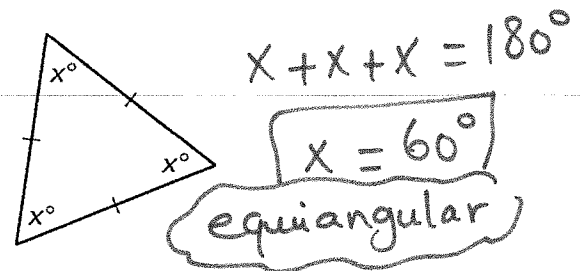


Find the value of x . Then classify the triangle by its angles.

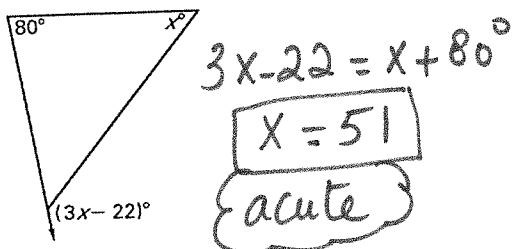
114.



115.



116.



117.

