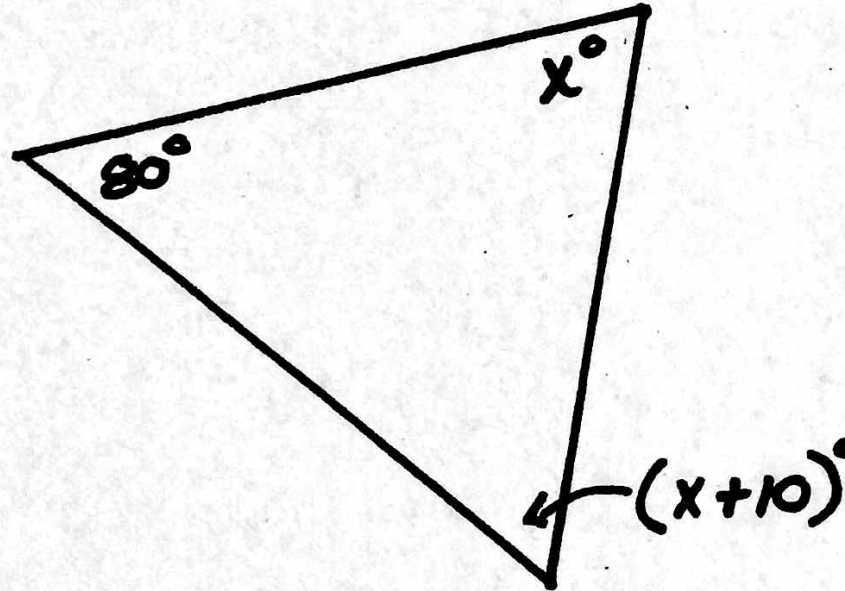
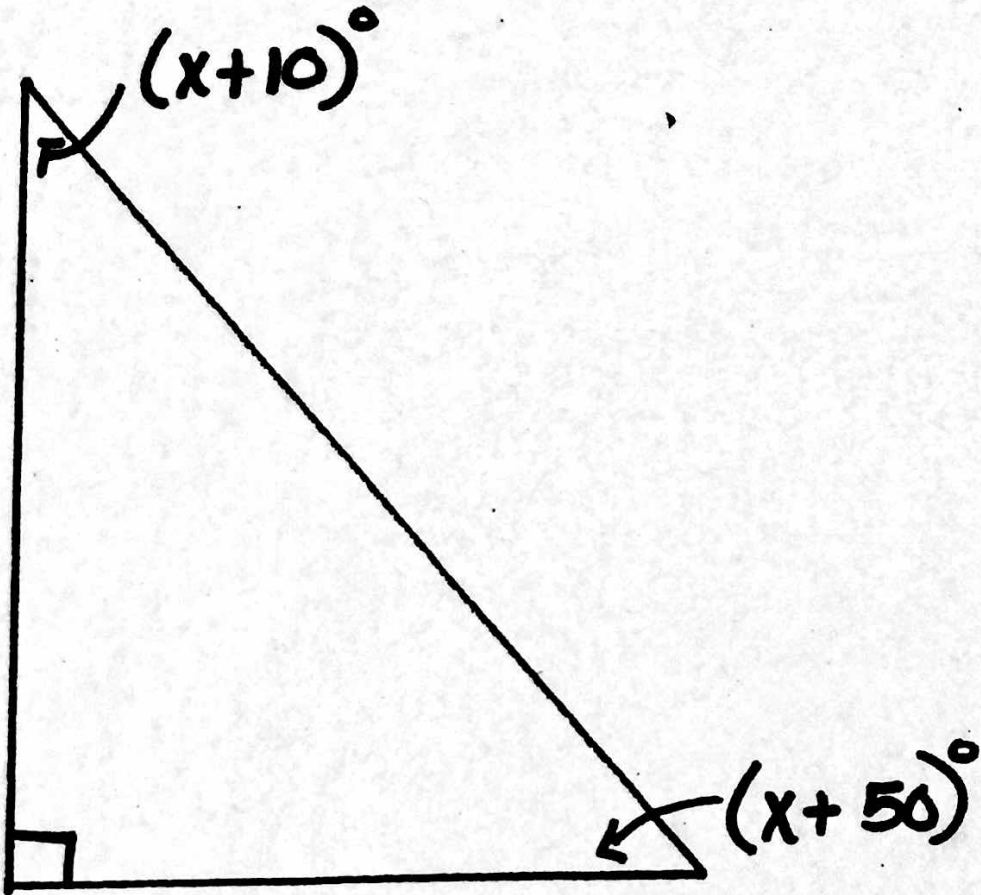
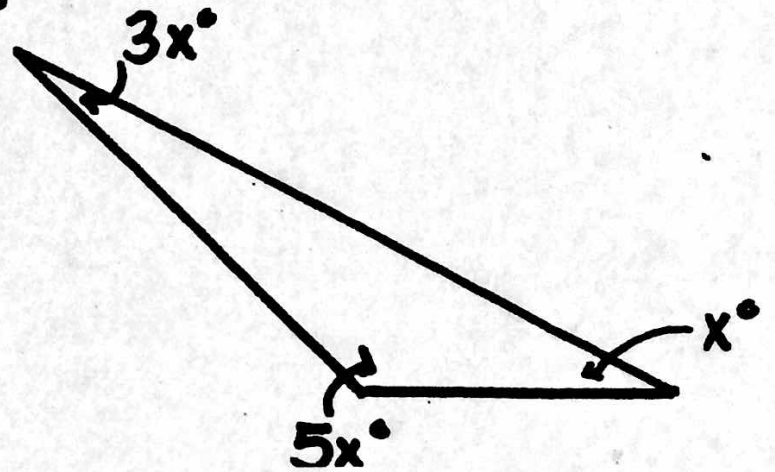


5.2

EX:1



EX:2



Ex: 1

$$\angle 1 + \angle 2 + \angle 3 = 180$$

$$80^\circ + \textcircled{x} + \textcircled{x} + 10 = 180$$

$$\begin{array}{r} 2x + 90 = 180 \\ - 90 \quad - 90 \\ \hline 0 \end{array}$$

$$\frac{2x = 90}{2} \quad \frac{90}{2}$$

$$x = 45$$

$80^\circ, 45^\circ, 55^\circ$

EX: 2

$$\angle 1 + \angle 2 + \angle 3 = 180$$

$$3x + x + 5x = 180$$

$$3(20)$$

$$5(20)$$

$$\frac{9x}{9} = \frac{180}{9}$$

$$x = 20$$

20°, 60°, 100°

$$x = 15$$

$$2$$

$$2x = 30$$

25°, 65°, 90°

$$2x + 150 = 180$$

$$90 = 25 + x + 10 + x + 50 = 180$$

EX: 3 $\angle 1 + \angle 2 + \angle 3 = 180$