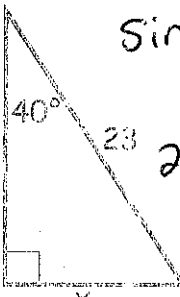
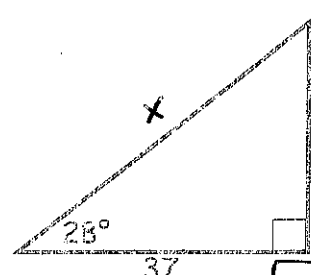
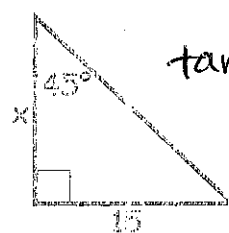
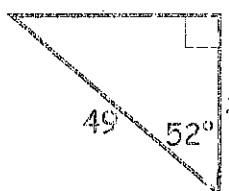


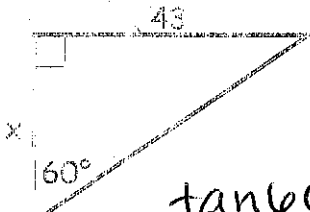
Part IV: Find the value of x. Round all answers to the nearest tenth.

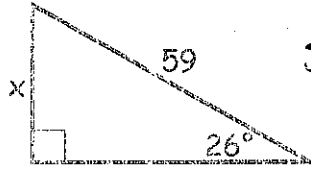
15.  $\sin 40 = \frac{x}{23}$
 $23 \sin 40 = x$
 $x = 14.7841$

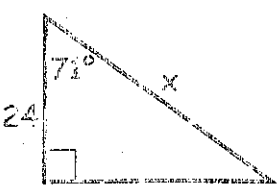
16.  $\cos 28 = \frac{37}{x}$
 $x = \frac{37}{\cos 28}$
 $x = 41.9$

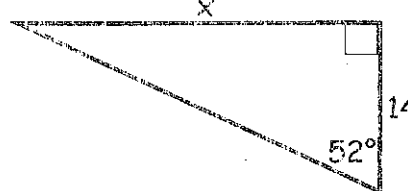
17.  $\tan 45 = \frac{15}{x}$
 $x = \frac{15}{\tan 45}$
 $x = 15$

18.  $\cos 52 = \frac{x}{49}$
 $49 \cos 52 = x$
 $x = 30.2$

19.  $\tan 60 = \frac{43}{x}$
 $x = \frac{43}{\tan 60}$
 $x = 24.8$

20.  $\sin 26 = \frac{x}{59}$
 $59 \sin 26 = x$
 $x = 25.86$

21.  $\cos 71 = \frac{24}{x}$
 $x = \frac{24}{\cos 71}$

22.  $\tan 52 = \frac{14}{x}$
 $14 \tan 52 = x$
 $x = 17.92$