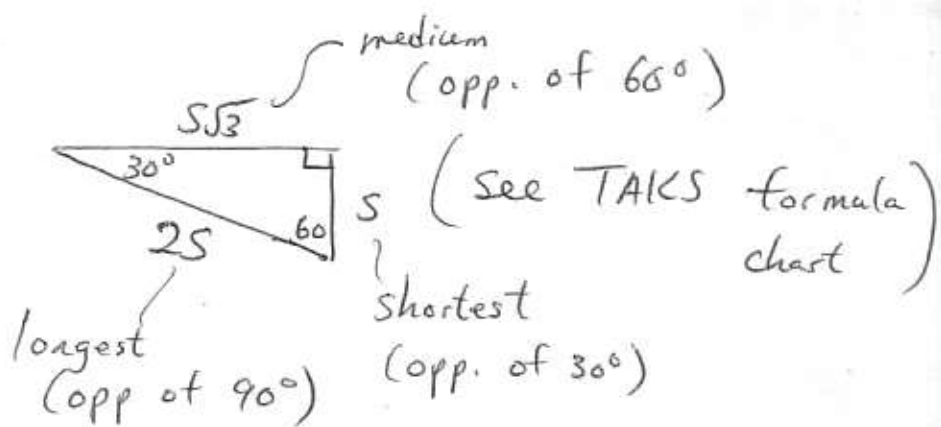
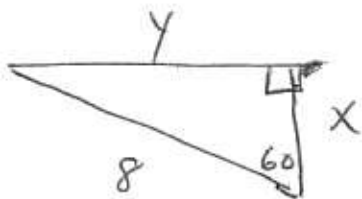


5



So $8 = 2s$

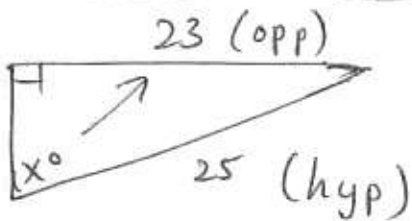
$4 = s$ →

$x = 4$

$5\sqrt{3} = y$

$4\sqrt{3} = y$

6



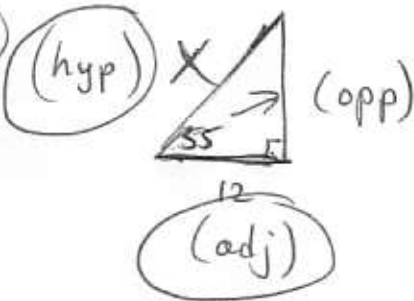
$\sin x = \frac{\text{opp}}{\text{hyp}}$

$\sin x = \frac{23}{25}$

$x = \sin^{-1}\left(\frac{23}{25}\right)$

$x = 67^\circ$

7



$\cos 55 = \frac{\text{adj}}{\text{hyp}}$

$\frac{\cos 55}{1} = \frac{12}{x}$

$12 = x \cdot \cos(55)$

$\frac{12}{\cos 55} = x$

$20.9 = x$