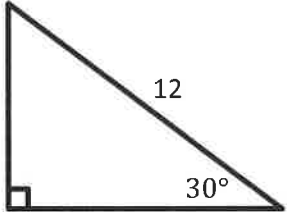
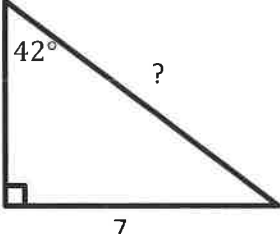
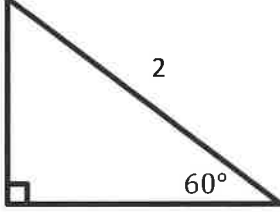
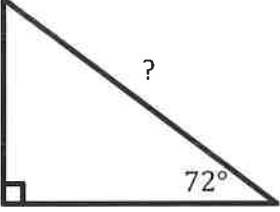
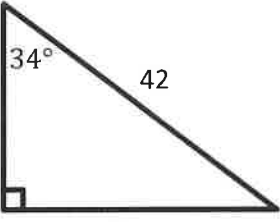


Name: **KEY**Trigonometry of Right Angle Triangles – SOHSolve for the missing side of the right angle triangle, round to the nearest ^{tenth} whole number.

1.		$\sin 30 = \frac{x}{12}$ $12(\sin 30) = x$ $x = 6$
2.		$\sin 42 = \frac{7}{x}$ $x(\sin 42) = 7$ $x = \frac{7}{\sin 42}$ $x = 10.5$
3.		$\sin 60 = \frac{x}{2}$ $2(\sin 60) = x$ $x = 1.7$
4.		$\sin 72 = \frac{11}{x}$ $x(\sin 72) = 11$ $x = \frac{11}{\sin 72}$ $x = 11.6$
5.		$\sin 34 = \frac{x}{42}$ $42(\sin 34) = x$ $x = 23.5$