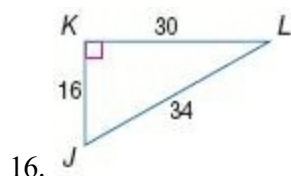


8-4 Trigonometry

Find $\sin J$, $\cos J$, $\tan J$, $\sin L$, $\cos L$, and $\tan L$.
Express each ratio as a fraction and as a decimal to the nearest hundredth.



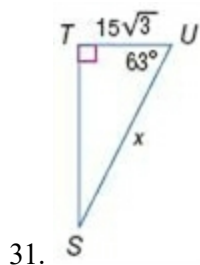
ANSWER:

$$\frac{30}{34} \approx 0.88; \frac{16}{34} \approx 0.47;$$

$$\frac{30}{16} \approx 1.88; \frac{16}{34} \approx 0.47;$$

$$\frac{30}{34} \approx 0.88; \frac{16}{34} \approx 0.53$$

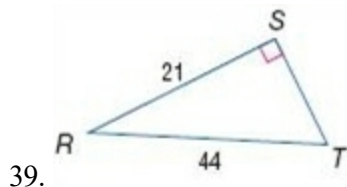
Find x . Round to the nearest tenth.



ANSWER:

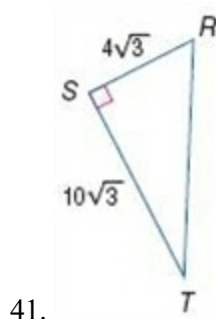
57.2

TOOLS Use a calculator to find the measure of $\angle T$ to the nearest tenth.



ANSWER:

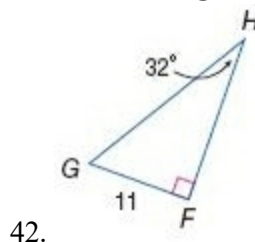
28.5°



ANSWER:

21.8°

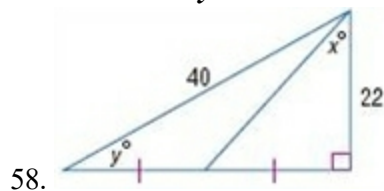
Solve each right triangle. Round side measures to the nearest tenth and angle measures to the nearest degree.



ANSWER:

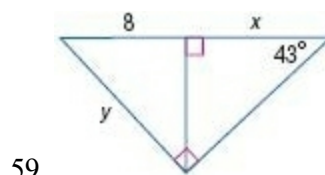
$HF = 17.6$; $GH = 20.8$; $m\angle G = 58$

Find x and y . Round to the nearest tenth.



ANSWER:

$x = 37.2$; $y = 33.4$



ANSWER:

$x = 9.2$; $y = 11.7$