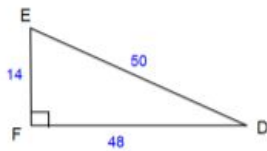


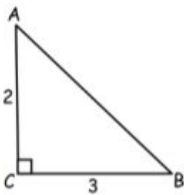
Trigonometric Ratio:

Soh Cah Toa

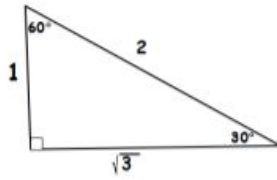
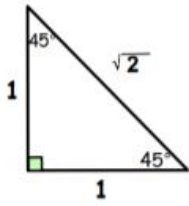
1. Find the sine, cosine, and tangent of angle D and E



2. Find the sine, cosine, and tangent of angle A and B



3. Trigonometric Ratios for Special Right Triangles:



$\sin 45^\circ = \underline{\hspace{2cm}}$

$\sin 30^\circ = \underline{\hspace{2cm}}$

$\sin 60^\circ = \underline{\hspace{2cm}}$

$\cos 45^\circ = \underline{\hspace{2cm}}$

$\cos 30^\circ = \underline{\hspace{2cm}}$

$\cos 60^\circ = \underline{\hspace{2cm}}$

$\tan 45^\circ = \underline{\hspace{2cm}}$

$\tan 30^\circ = \underline{\hspace{2cm}}$

$\tan 60^\circ = \underline{\hspace{2cm}}$

Calculator must be in degrees!

4. Use a calculator to approximate the following to three decimal places:

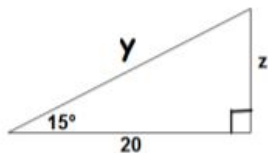
a. $\sin 35^\circ$

b. $\cos 10^\circ$

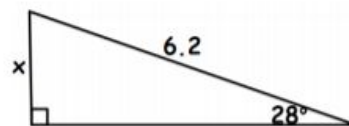
c. $\tan 74^\circ$

5. Solve for the variable(s). Round the final answer(s) to one decimal place. Do not round until the final answer.

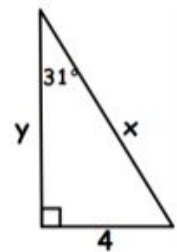
a.



b.

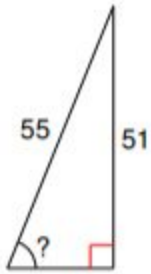


c.

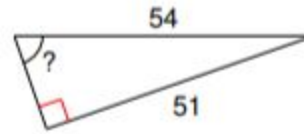


6. Find the measure of the indicated angle to the nearest tenth:

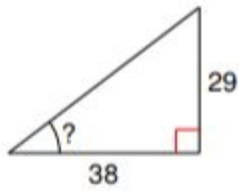
a.



c.



b.



d.

