

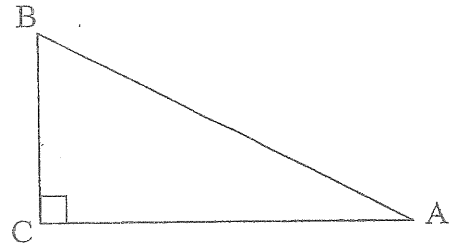
**Trig Day 1 Right Triangle Trigonometry
(SOHCAHTOA)**

Given any _____ triangle in which A is one of the _____ angles,

$\sin A =$

$\cos A =$

$\tan A =$



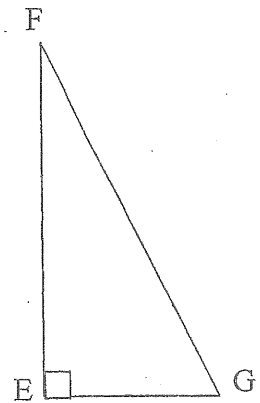
Refer to $\triangle EFG$. Give each trig. ratio in terms of f, g, and e.

$\sin F =$

$\tan F =$

$\cos F =$

$\sin G =$



Use a calculator to find the following: (Are you in degrees?????)

$\tan 70^\circ =$

$\cos 48^\circ =$

$\sin 30^\circ =$

$\cos 60^\circ =$

Find the measure of the angle whose trig value is given:

$\sin A = .3991$

$\cos B = .4567$

$\tan F = \frac{7}{4}$

$\sin F = \frac{8}{5}$

1-6 Find the value of x:

$$1) \sin 65^\circ = \frac{12}{x}$$

$$2) \cos 71^\circ = \frac{x}{5}$$

$$3) \sin X = \frac{23}{45}$$

$$4) \tan 33^\circ = \frac{x}{15}$$

$$5) \cos 48^\circ = \frac{17}{x}$$

$$6) \tan X = \frac{17}{24}$$