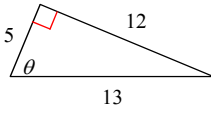


# Knowing All 6 Trig Ratios

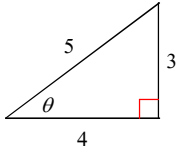
Name \_\_\_\_\_

Find the value of the trig function indicated.

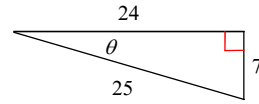
1)  $\sec \theta$



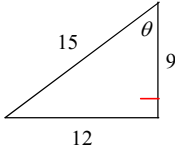
2)  $\cot \theta$



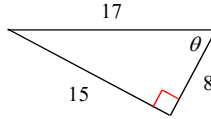
3)  $\sin \theta$



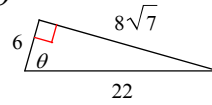
4)  $\csc \theta$



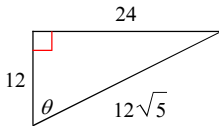
5)  $\cos \theta$



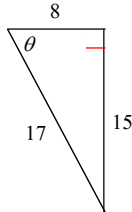
6)  $\sec \theta$



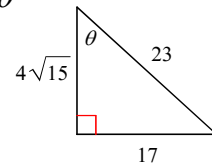
7)  $\csc \theta$



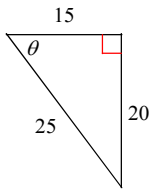
8)  $\cot \theta$



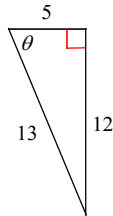
9)  $\cot \theta$



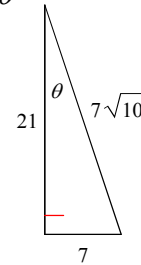
10)  $\cot \theta$



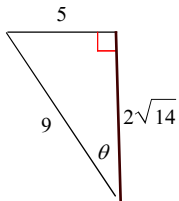
11)  $\tan \theta$



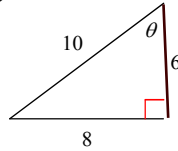
12)  $\sec \theta$



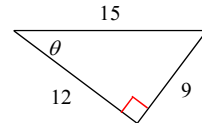
13)  $\cot \theta$



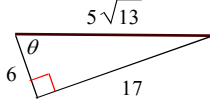
14)  $\sec \theta$



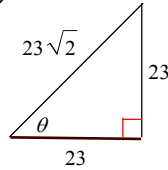
15)  $\csc \theta$



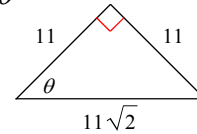
16)  $\sin \theta$



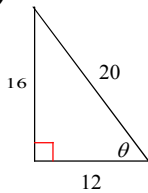
17)  $\sec \theta$



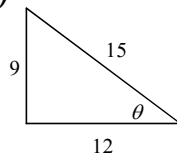
18)  $\sec \theta$



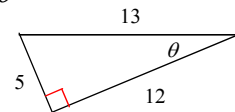
19)  $\cot \theta$



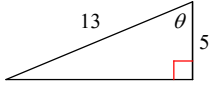
20)  $\sin \theta$



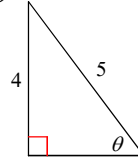
21)  $\sin \theta$



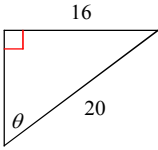
27)  $\cos \theta$



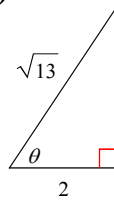
28)  $\cos \theta$



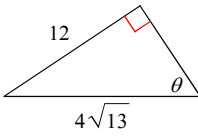
29)  $\sec \theta$



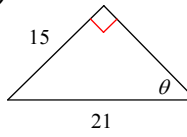
30)  $\sec \theta$



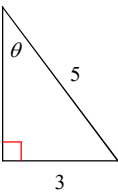
31)  $\csc \theta$



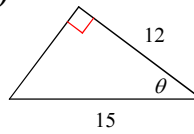
32)  $\tan \theta$



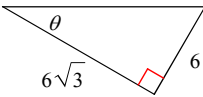
33)  $\tan \theta$



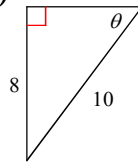
34)  $\sec \theta$



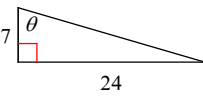
35)  $\cot \theta$



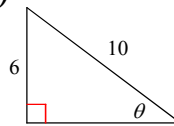
36)  $\csc \theta$



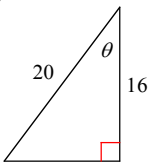
37)  $\sin \theta$



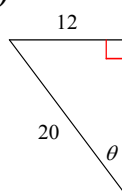
38)  $\sec \theta$



39)  $\sec \theta$



40)  $\csc \theta$



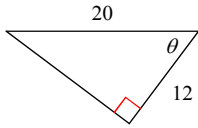
# All 6 trig Functions: Part 2

Name \_\_\_\_\_

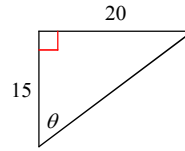
Find the value of the trig function indicated. For some problems, you will need to use the Pythagorean Theorem to find the missing side of the triangle before reading the ratio from the diagram.

In #1, use the Pythagorean Theorem to find the missing side:  $x^2 + 12^2 = 20^2$ . Hence,  $x^2 = 400 - 144 = 256$ , and so,  $x = 16$  (the square root of 256). So, the secant ratio is  $20/16$ , or  $5/4$ .

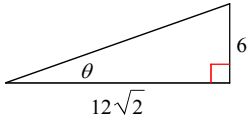
1)  $\sec \theta$



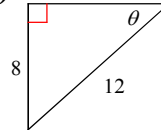
2)  $\sin \theta$



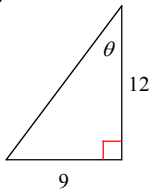
3)  $\sin \theta$



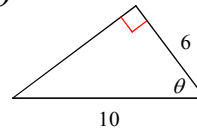
4)  $\sin \theta$



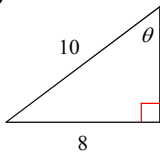
5)  $\csc \theta$



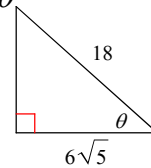
6)  $\tan \theta$



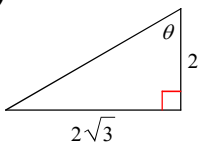
7)  $\csc \theta$



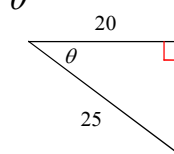
8)  $\cos \theta$



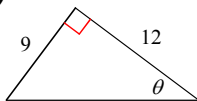
9)  $\sin \theta$



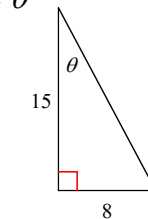
10)  $\tan \theta$



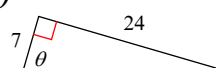
11)  $\tan \theta$



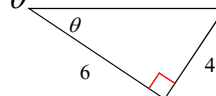
12)  $\csc \theta$



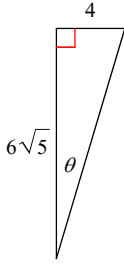
13)  $\cos \theta$



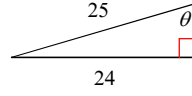
14)  $\cot \theta$



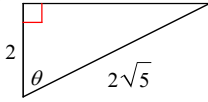
15)  $\cos \theta$



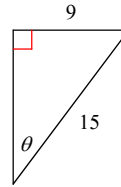
16)  $\sec \theta$



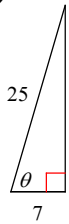
17)  $\sin \theta$



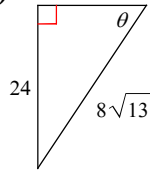
18)  $\cos \theta$



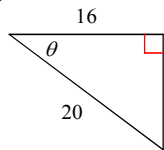
19)  $\cot \theta$



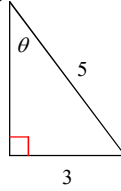
20)  $\tan \theta$



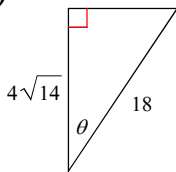
21)  $\sec \theta$



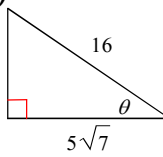
22)  $\cot \theta$



23)  $\cot \theta$



24)  $\sin \theta$



25)  $\tan \theta$

