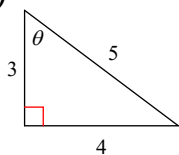


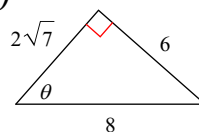
Basic Right Triangle Trigonometry

Find the value of the trig function indicated.

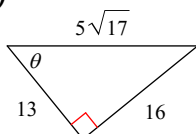
1) $\tan \theta$



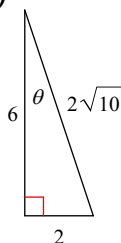
2) $\cos \theta$



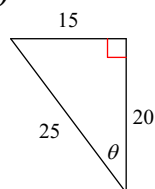
3) $\tan \theta$



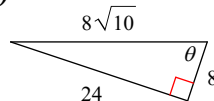
4) $\tan \theta$



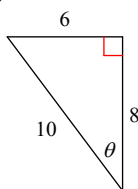
5) $\cos \theta$



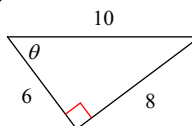
6) $\sin \theta$



7) $\tan \theta$

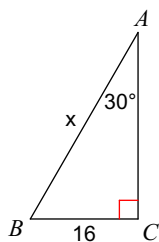


8) $\tan \theta$

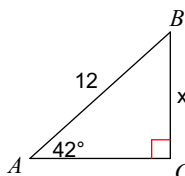


Find the measure of each side indicated. Round to the nearest tenth.

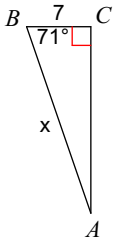
9)



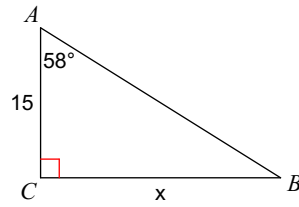
10)



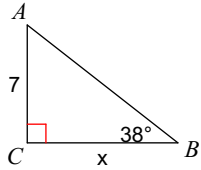
11)



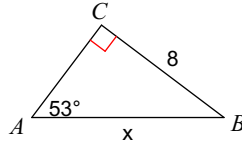
12)



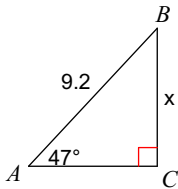
13)



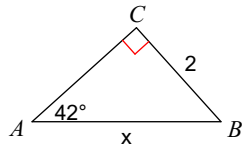
14)



15)

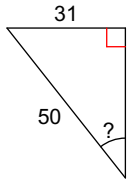


16)

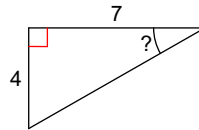


Find the measure of the indicated angle to the nearest degree.

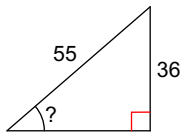
17)



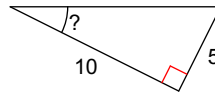
18)



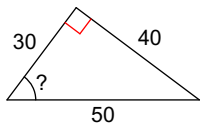
19)



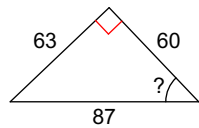
20)



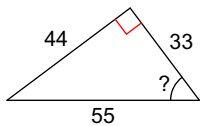
21)



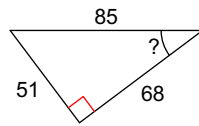
22)



23)



24)



Answers to Basic Right Triangle Trigonometry (ID: 1)

1) $\frac{4}{3}$

5) $\frac{4}{5}$

9) 32

13) 9

17) 38°

21) 53°

2) $\frac{\sqrt{7}}{4}$

6) $\frac{3\sqrt{10}}{10}$

10) 8

14) 10

18) 30°

22) 46°

3) $\frac{16}{13}$

7) $\frac{3}{4}$

11) 21.5

15) 6.7

19) 41°

23) 53°

4) $\frac{1}{3}$

8) $\frac{4}{3}$

12) 24

16) 3

20) 27°

24) 37°