

Practice - Trigonometry

Find the value of each. Round your answers to the nearest ten-thousandth.

1) $\cos 71^\circ$

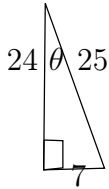
2) $\cos 23^\circ$

3) $\sin 75^\circ$

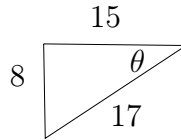
4) $\sin 50^\circ$

Find the value of the trig function indicated.

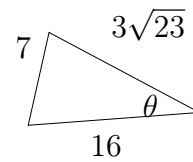
5) $\sin \theta$



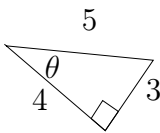
6) $\tan \theta$



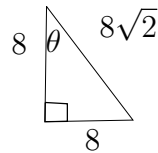
7) $\sin \theta$



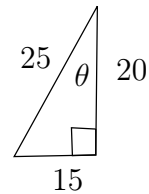
8) $\sin \theta$



9) $\sin \theta$

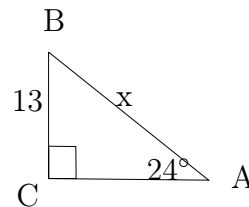
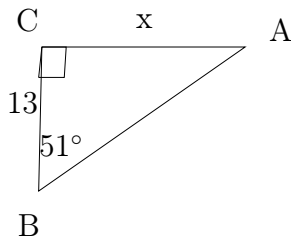


10) $\cos \theta$



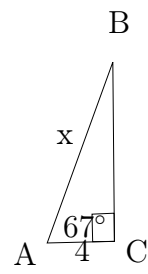
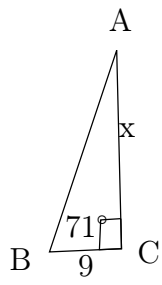
Find the measure of each side indicated. Round to the nearest tenth.

11)



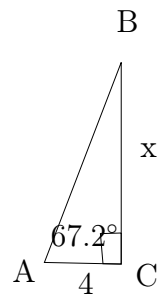
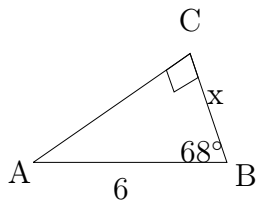
13)

15)



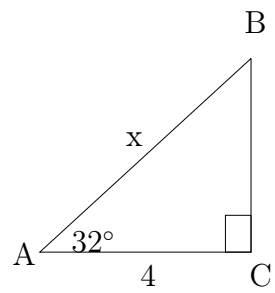
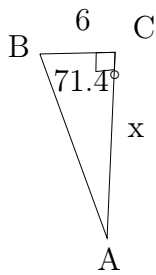
17)

25)



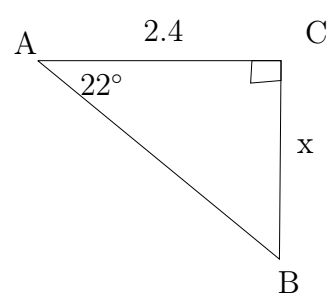
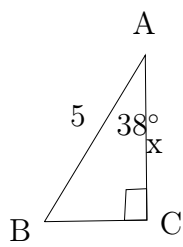
19)

27)



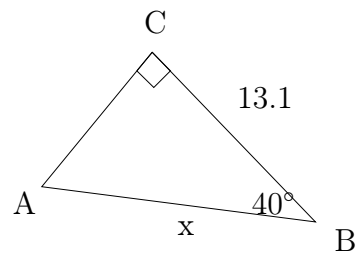
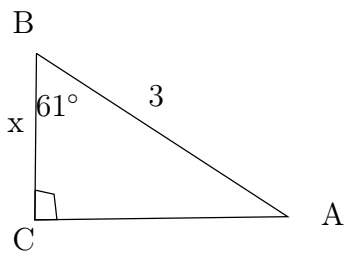
21)

29)

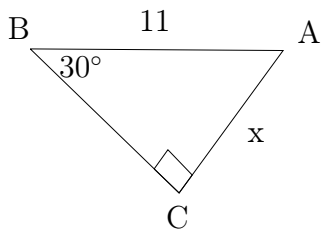


23)

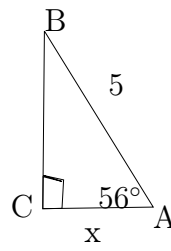
31)



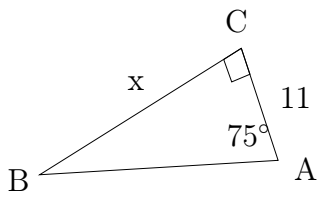
33)



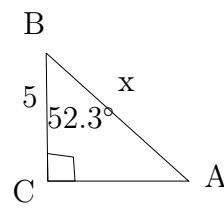
12)



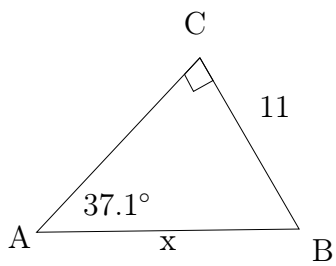
35)



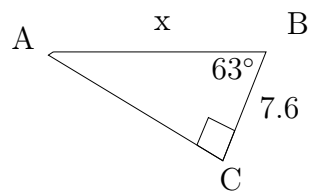
14)



37)

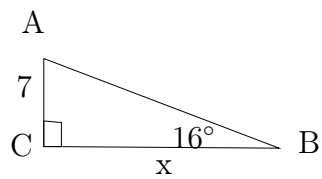
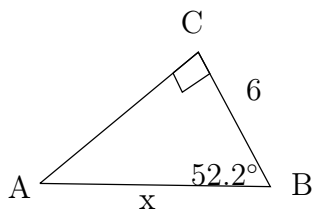


16)

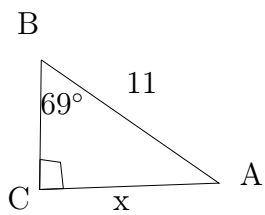


39)

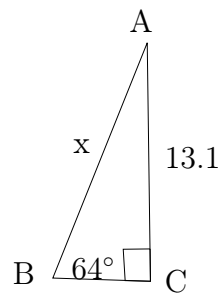
18)



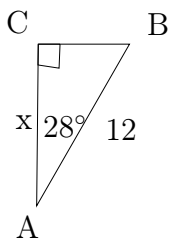
20)



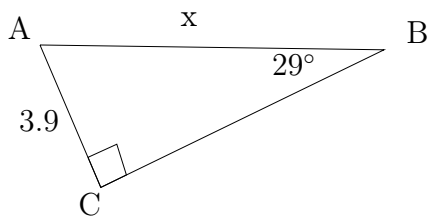
28)



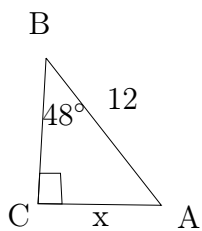
22)



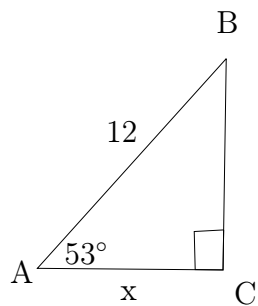
30)



24)

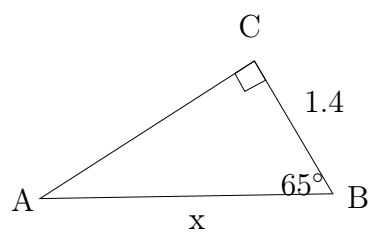
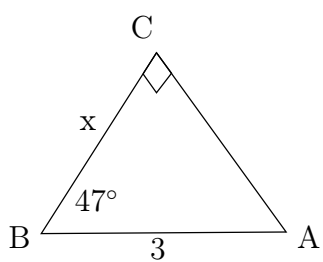


32)

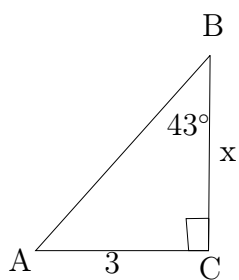


26)

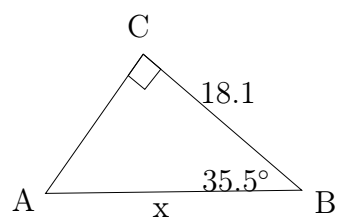
34)



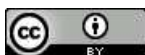
36)



40)



38)



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Answers - Trigonometry

- | | | |
|-------------------------|----------|----------|
| 1) 0.3256 | 14) 8.2 | 28) 14.6 |
| 2) 0.9205 | 15) 26.1 | 29) 1 |
| 3) 0.9659 | 16) 16.8 | 30) 8 |
| 4) 0.7660 | 17) 2.2 | 31) 1.5 |
| 5) $\frac{7}{25}$ | 18) 9.8 | 32) 7.2 |
| 6) $\frac{8}{15}$ | 19) 17.8 | 33) 5.5 |
| 7) $\frac{7}{16}$ | 20) 10.3 | 34) 2 |
| 8) $\frac{3}{5}$ | 21) 3.9 | 35) 41.1 |
| 9) $\frac{\sqrt{2}}{2}$ | 22) 10.6 | 36) 3.2 |
| 10) $\frac{4}{5}$ | 23) 10.2 | 37) 18.2 |
| 11) 16.1 | 24) 8.9 | 38) 3.3 |
| 12) 2.8 | 25) 9.5 | 39) 17.1 |
| 13) 32 | 26) 24.4 | 40) 22.2 |
| | 27) 4.7 | |



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