

SOH-CAH-TOA

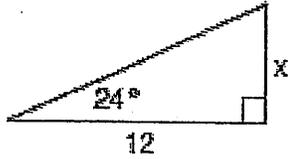
$$\sin \angle A = \frac{\text{Opp}}{\text{Hyp}}$$

$$\cos \angle A = \frac{\text{Adj}}{\text{Hyp}}$$

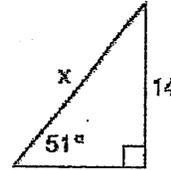
$$\tan \angle A = \frac{\text{Opp}}{\text{Adj}}$$

Find the value of each variable using trigonometric ratios.

1.



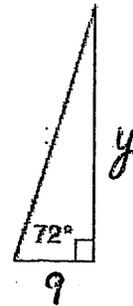
2.



3.



4.



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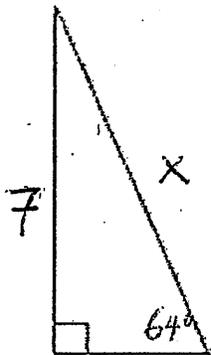
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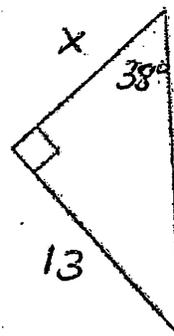
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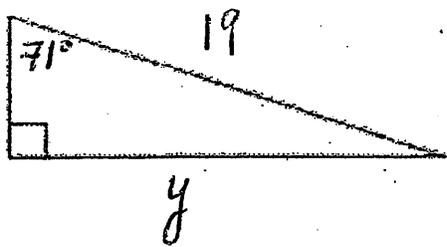
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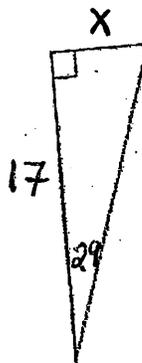
6.



7.

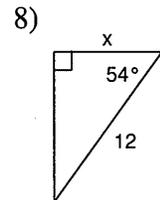
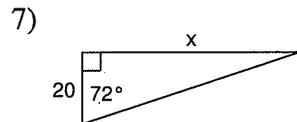
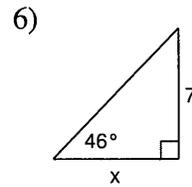
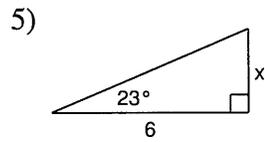
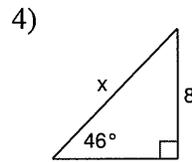
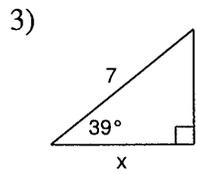
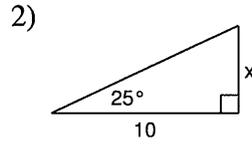
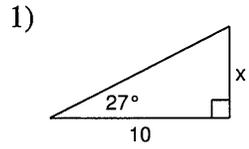


8.

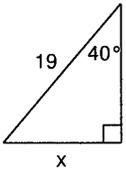


Using Trigonometry To Find Lengths

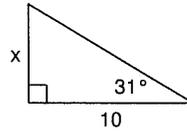
Find the missing side. Round to the nearest tenth.



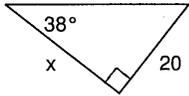
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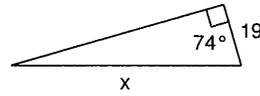
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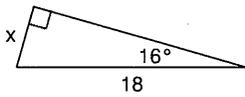
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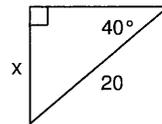
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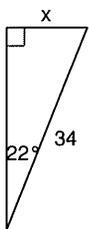
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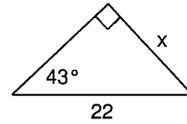
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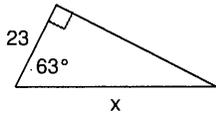
15)



16)



17)



18)

