Trigometry Assignment #3 Finding Missing Side.ks-ia1 - Infinite Algebra 1

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2.89 pages

18 questions

Current question sets (2):

9 × Using Trig to Find Missing Sides of Triangle
9 × Using Trig to Find Missing Sides of Triangle

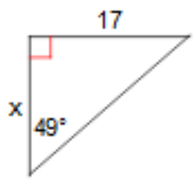
Math 10P Name_____

Trigonometry Assignment #3 Finding Missing Side

Date_____

Find the missing side. Round to the nearest tenth.

1)



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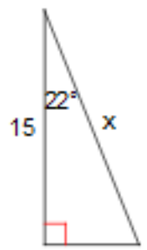

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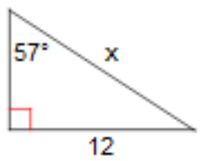

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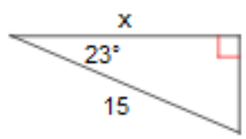

5)

6)

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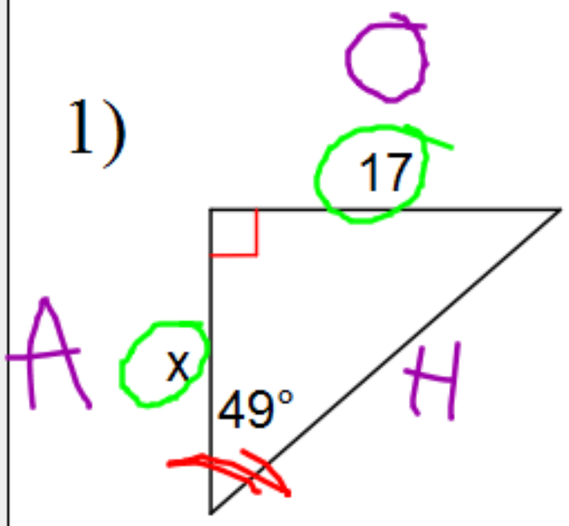
Infinite Algebra 1
Show

Find the missing side. Round to the nearest tenth.

1)



$$\tan\theta = \frac{O}{A}$$

$$\tan 49 = \frac{17}{x}$$

$$\frac{17}{\tan 49} = \frac{(\tan 49)(x)}{\tan 49}$$

$$12 = x$$

$$1.1504$$

$$14.77 = x$$

$$14.8 = x$$

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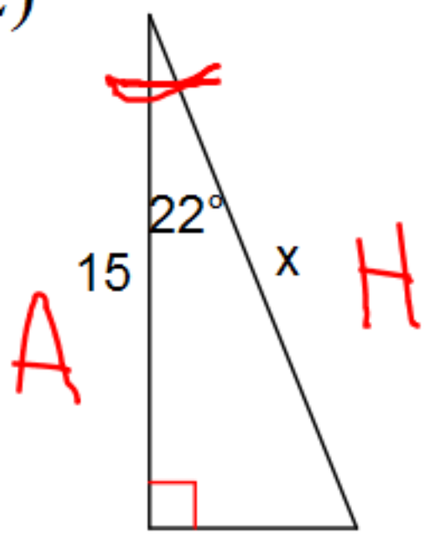
Infinite Algebra 1

Show

Find the missing side. Round to the nearest tenth.

2)



$\cos\theta = \frac{A}{H}$

$\frac{\cos 22}{1} = \frac{15}{x}$

$15 = (\cos 22)(x)$

$\frac{15}{\cos 22} = \frac{(\cos 22)(x)}{\cos 22}$

$16.2 = x$

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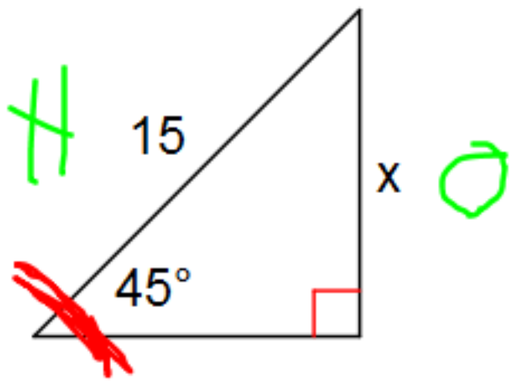
Show

Find the missing side. Round to the nearest tenth.

13)



H

O

$\sin\theta = \frac{O}{H}$

$\sin 45 = \frac{x}{15}$

$x = 10.6$

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3/6/2018

3) 14.3

4) 13.8

5) 38.0

6) 15.3

7) 18.9

8) 11.6

9) 8.3

10) 43.1

11) 19.4

12) 14.6

14) 9.4

15) 20.8

16) 23.3

17) 19.0

18) 14.3