

Trig Ratios

Times New Ro 16

B I U abc x₂ x²

Font

Paragraph

Styles

AaBbCcI

Caption

AaBbCcI

Normal

AaBbCcI

No Spac...

AaBbC

Heading 1

AaBbC

Title

What do the letters in "SOHCAHTOA" represent?

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

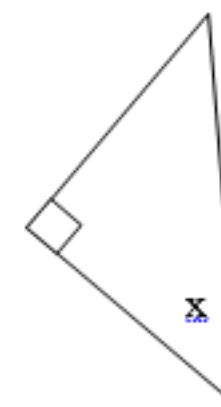
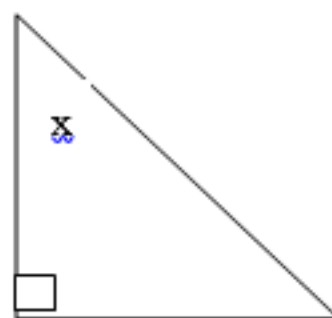
$$\cos = \frac{A}{H}$$

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

S = sine
 O = opposite
 H = hypotenuse
 C = cosine
 A = adjacent
 H = hypotenuse
 T = tangent
 O = opposite
 A = adjacent

Label the sides of the following triangles for angle X

Adjacent, Opposite, Hypotenuse. You may use A, O and H to stand for the full word.



Times New Ro 16

B *I* Uabc x_2 x^2

Font

 $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$

Paragraph

AaBbCcI $\uparrow$ Caption**AaBbCcI** $\uparrow$ Normal**AaBbCcI** $\uparrow$ No Spac...**AaBbC**

Heading 1

AaBbC

Title

Styles

Find

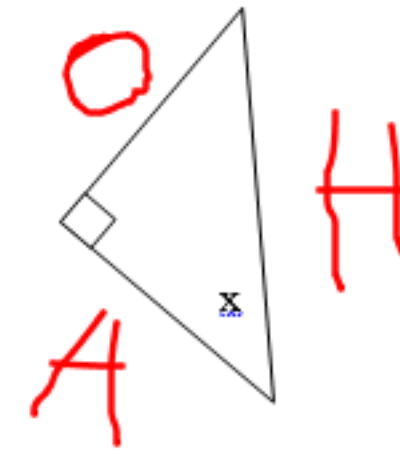
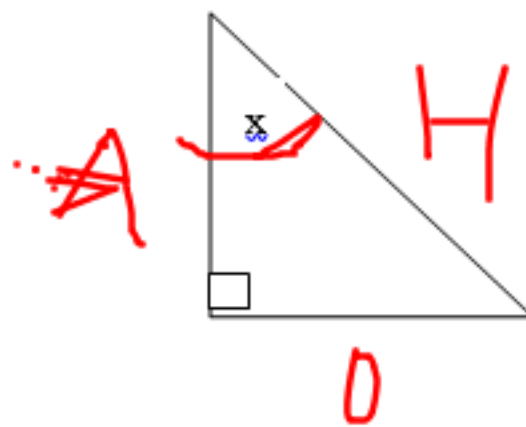
Replace

Select

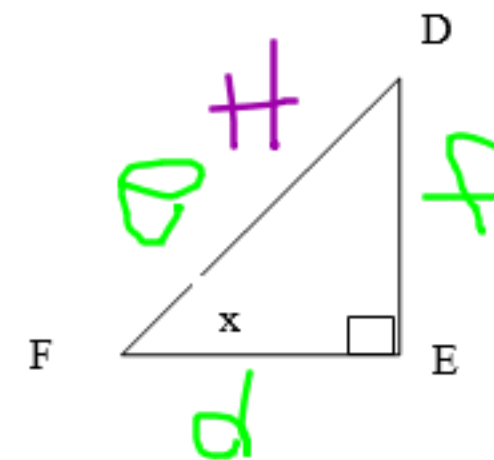
Editing

A = _____

Label The sides of the following triangles for angle X

Adjacent, Opposite, Hypotenuse. You may use A, O and H to stand for the full word.

Fill in the blanks:

In $\triangle EDF$, e is the hypotenuse or DFd is the adjacentand f is the opposite

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Infinite Algebra 1 - Trigonometry

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Math 11C Trigonometry

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Trigonometry #1 Basic Trig Functions - 4 decimal places

Find the value of each trigonometric ratio to the nearest ten-thousandth.

Name _____ ID: 1

Date _____

1) $\tan 72^\circ$

3.0777

2) $\tan 21^\circ$

3) $\tan 59^\circ$

4) $\sin 48^\circ$

0.7431

5) $\sin 58^\circ$

6) $\sin 69^\circ$

7) $\cos 71^\circ$

8) $\cos 81^\circ$

9) $\cos 1^\circ$

10) $\cos 3^\circ$

11) $\tan 73^\circ$

12) $\tan 0^\circ$

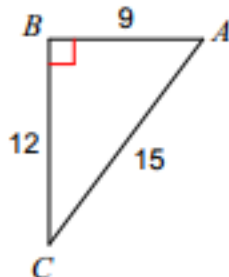
13) $\tan 51^\circ$

14) $\sin 47^\circ$

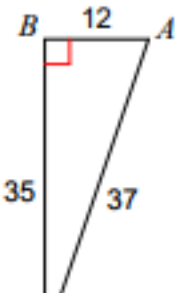
15) $\sin 50^\circ$

16) $\sin 60^\circ$

17) $\tan C$



18) $\tan C$



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Infinite Algebra 1 - Trigonometry #1 Basic Trig Functions - 4 decimal places

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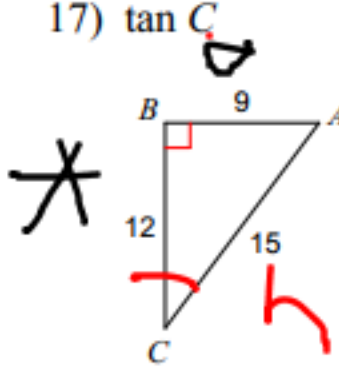
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17) $\tan C$

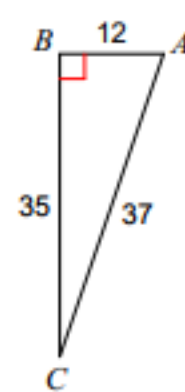


$\tan C = \frac{O}{A}$

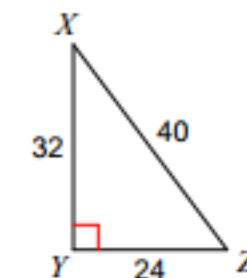
$\tan C = \frac{9}{12}$

$\tan C = 0.75$

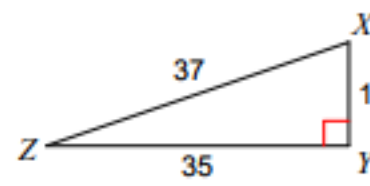
18) $\tan C$



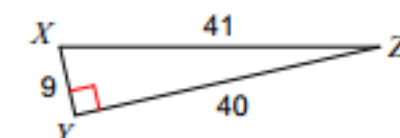
19) $\tan Z$



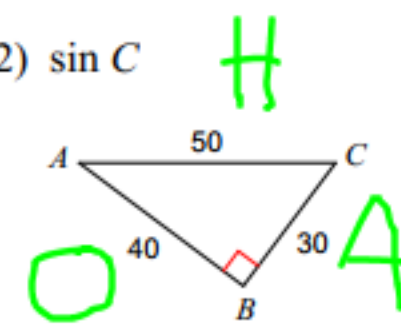
20) $\sin X$



21) $\sin X$



22) $\sin C$



23) $\sin X$

24) $\cos X$

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