



## **Trigonometry - Ratio Manipulation**



1	Solve the fraction for 'x' in terms of the variables
	and reduce.

$$\overset{ extsf{A}}{x} = rac{o}{t} \overset{ extsf{B}}{x} = t \cdot o$$

$$\overset{ extsf{A}}{x} = rac{c}{h} igg|^{ extsf{B}} x = rac{h}{c}$$

$$t = \frac{o}{-}$$

$$\overset{ ext{c}}{x} = rac{t}{o}$$

$$c=\frac{x}{c}$$

$$x = c \cdot h$$

$$x=rac{h}{s}\left| egin{matrix} {}^{ extsf{B}} & x=rac{s}{h} \end{array} 
ight|$$

$$x=rac{c}{a}igg|^{ extsf{ iny B}}x=rac{a}{c}$$

$$s=rac{x}{-}$$

$$\overset{ ext{c}}{x} = s \cdot h$$

$$c=\tilde{-}$$

$$x = c \cdot a$$

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$$\overset{ extsf{A}}{x} = t \cdot a \overset{ extsf{B}}{x} = rac{t}{a}$$

$$\overset{ extsf{A}}{x} = rac{o}{s} \overset{ extsf{B}}{x} = rac{s}{o}$$

$$t=\frac{x}{a}$$

$$x = rac{a}{t}$$

$$s = -$$

$$oldsymbol{r}$$

 $x = s \cdot o$ 

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