

Name: _____
Date: _____

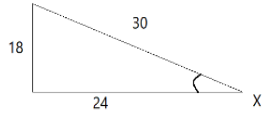


Missing sides and Angles of a Right triangle

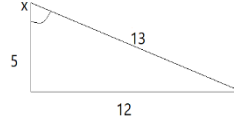


Find the value of each trigonometric ratio as fractions in their simplest form.

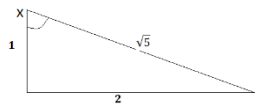
1) $\sin x$, $\cos x$, $\tan x$, $\cot x$



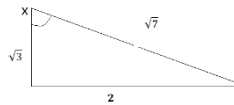
2) $\sin x$, $\cos x$, $\tan x$, $\cot x$



3) $\sin x$, $\cos x$, $\tan x$, $\cot x$

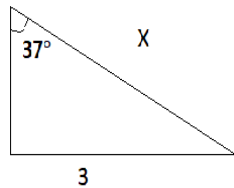


4) $\sin x$, $\cos x$, $\tan x$, $\cot x$

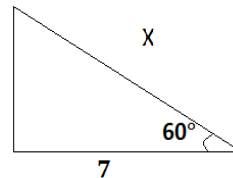


Find the missing side. Round answers to the nearest tenth.

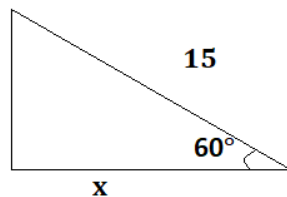
5)



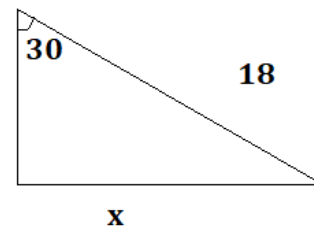
6)



7)



8)



QUIZ ?

So Much More Online! Please visit: testinar.com



MORE ?



Answers

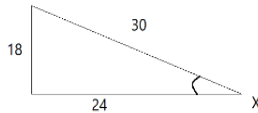


Find the value of each trigonometric ratio as fractions.

1) $\sin x$, $\cos x$, $\tan x$, $\cot x$

$$\sin x = \frac{3}{5}, \cos x = \frac{4}{5}$$

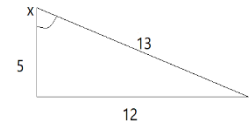
$$\tan x = \frac{3}{4}, \cot x = \frac{4}{3}$$



2) $\sin x$, $\cos x$, $\tan x$, $\cot x$

$$\sin x = \frac{12}{13}, \cos x = \frac{5}{13}$$

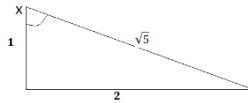
$$\tan x = \frac{12}{5}, \cot x = \frac{5}{12}$$



3) $\sin x$, $\cos x$, $\tan x$, $\cot x$

$$\sin x = \frac{2\sqrt{5}}{5}, \cos x = \frac{\sqrt{5}}{5}$$

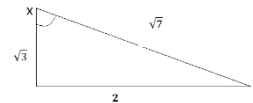
$$\tan x = \frac{2}{1}, \cot x = \frac{1}{2}$$



4) $\sin x$, $\cos x$, $\tan x$, $\cot x$

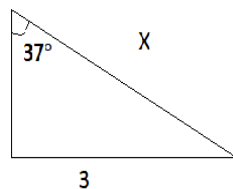
$$\sin x = \frac{2\sqrt{7}}{7}, \cos x = \frac{\sqrt{7}}{7}$$

$$\tan x = \frac{2}{\sqrt{3}}, \cot x = \frac{\sqrt{3}}{2}$$

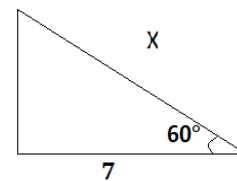


Find the missing side. Round answers to the nearest tenth.

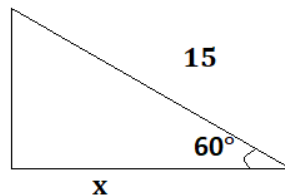
5) $x = 5$



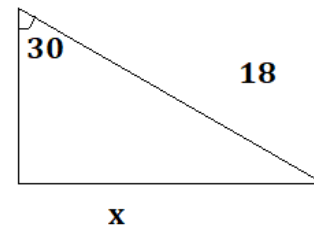
6) $x = 14$



7) $x = 7.5$



8) $x = 9$



QUIZ ?

So Much More Online! Please visit: testinar.com



MORE ?