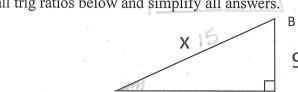
Name: Keu

Basic Trig Review 2021

Must include work, the set up and circled final answer in organized manner.

1. Consider the triangle ABC, shown below. Use the Pythagorean Theorem to find the missing side. Then find all trig ratios below and simplify all answers.



$$\sin \angle A = \underline{5}$$

$$\cos \angle A = \frac{4}{5}$$

$$\tan \angle A = \frac{3}{4}$$

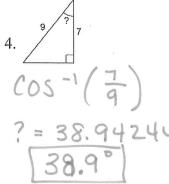
$$\sin \angle B = \frac{7}{5}$$

$$\tan \angle B = \frac{4}{3}$$

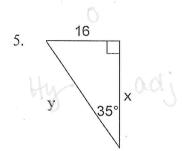
Directions: solve for θ (the ?) and round to the nearest tenth. Show your work.

2.
$$\frac{49}{2}$$

Sin-
$$\frac{2}{6}$$

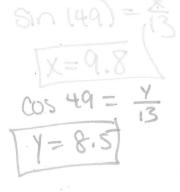


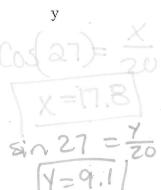
Directions: solve for x and y, rounded to the nearest tenth. Show your work.





$$tan(35) = x$$
 1×22.9
 1×22.9
 1×22.9
 1×27.9

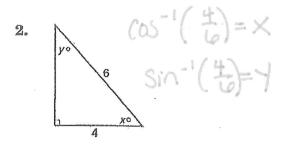




Trigonometry Sides and Angles Practice

Directions: Find all variables and round to the nearest tenth.

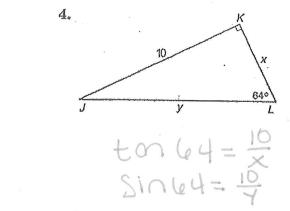
1. Sin 36 =



$$x = 4$$
, $y = 6$,

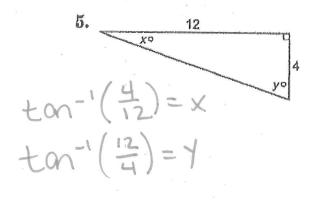
$$x = 48.2$$
 $y = 41.8$

3. $\frac{x}{500}$ $\frac{x}{500}$



$$x = \frac{6.0}{5.9587}$$
 $y = \frac{7.8}{}$

$$x = \underbrace{+ + \cdot \cdot}_{y = \dots} y = \underbrace{- \cdot \cdot \cdot}_{y = \dots}$$



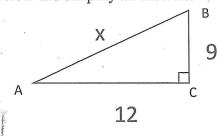
6.
$$\sqrt{70^{\circ}}$$
Sin $70 = \frac{7.2}{x}$
ton $70 = \frac{7.2}{y}$

$$x = 18.4$$
 $y = 11.6$

$$x = 1$$
, $y = 2.6$

Must include work, the set up and circled final answer in organized manner.

1. Consider the triangle ABC, shown below. Use the Pythagorean Theorem to find the missing side. Then find all trig ratios below and simplify all answers.



 $\sin \angle A =$

 $\cos \angle A =$

 $tan \angle A =$

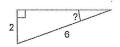
 $\sin \angle B =$

 $\cos \angle B = \underline{\hspace{1cm}}$

tan ∠ B =

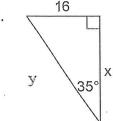
<u>Directions</u>: solve for θ (the ?) and round to the nearest tenth. Show your work.

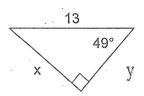






<u>Directions:</u> solve for x and y, rounded to the nearest tenth. Show your work.





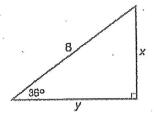


У

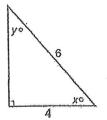
Trigonometry Sides and Angles Practice

Directions: Find all variables and round to the nearest tenth.

1.



2.



B.

