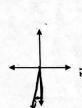
Pre-Calculus Angles and Right Triangle Trig Review Notes

Draw each angle in standard position.







Convert from degrees to radians.

10. $\frac{-\pi}{9}$

13. 52°

14. 111°

Find the complement and supplement of the following angle.

Find one positive coterminal angle.

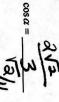
12. -50°

Find all six trig functions.

Find all the missing trig functions. (Draw a Picture)

$$\sin\theta = \frac{1}{3}$$



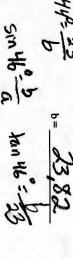


 $\tan \alpha =$

 $\cot \alpha =$

Solve the right triangle. Round to 2 decimal places

$$sin 44^{\circ} = \frac{23}{a}$$
 $a = \frac{1}{6}$
 $a =$

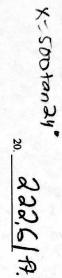


Use a calculator to evaluate the trig function. Round to 4 decimal places.

18.
$$\tan \frac{5\pi}{3}$$

20. From a point on the ground 500 ft away from the base of a building, it is observed that the angle of elevation, from the ground to the top of the building is 24°. Find the height of the building.





BONUS: Find all missing trig functions. $\sin\theta = \frac{2}{3} \qquad \cos\theta = \frac{\sqrt{5}}{3}$

