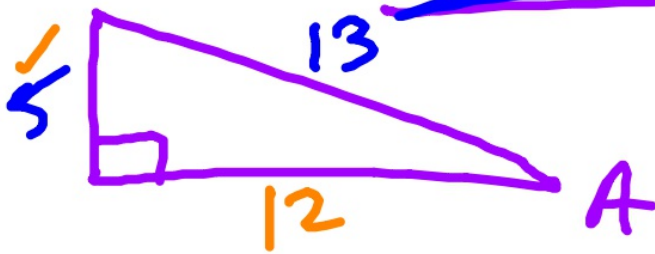


Good afternoon: warm up in notebooks

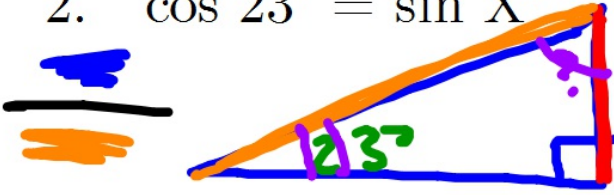
SOHCAHTOA

1. If $\sin A = 5/13$, find $\tan A$.

$5/12$

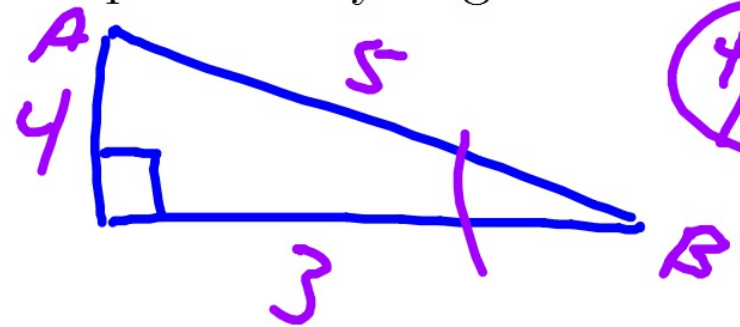
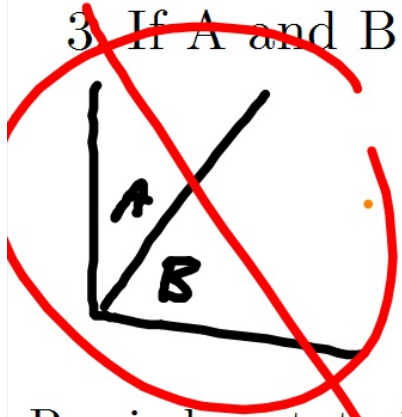


2. $\cos 23^\circ = \sin X^\circ$ What is the value of X?



$90 - 23$
 67°

3. If A and B are complementary angles and $\tan A = 3/4$, find $\sin B$

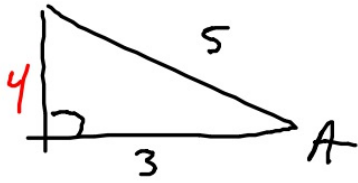


$4/5$

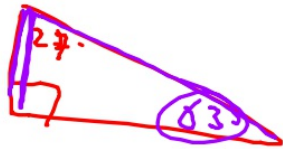
Reminders: tutoring Wednesday

homeroom on Weds and Thurs means no retakes til Fri

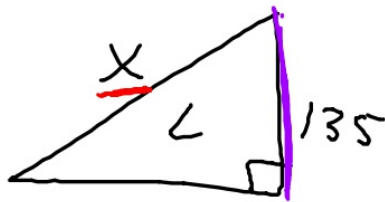
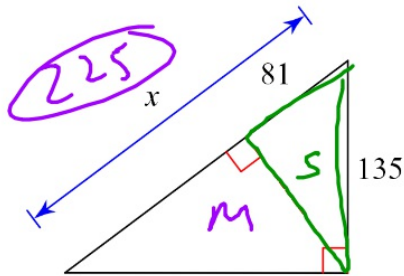
1. If $\cos A = 3/5$, find $\tan A$



2. If $\cos 27^\circ = x$ and $\sin A = x$, find the measure of angle A.

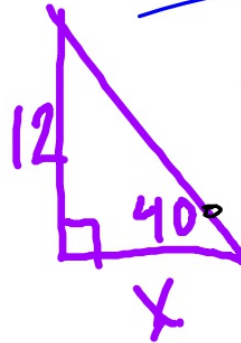


- 3.



SOH CAHTOA

4.



$$\tan 40 = \frac{12}{x}$$

$$\frac{.84}{1} = \frac{12}{x}$$

$$\frac{.84x}{.84} = \frac{12}{.84}$$

$$x = 14.3$$

$$\frac{x}{135} = \frac{135}{81}$$

$$\frac{81x}{81} = \frac{18225}{81}$$

$$x = 225$$

Assessment

1. Be sure calculator is in DEGREE MODE
2. Show all work
3. When finished, turn in to basket + pick up handout and graph paper
4. Work on handout: "Coordinate Review" side

Useful formulas for handout:

slope:

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

distance: $\sqrt{(y_2 - y_1)^2 + (x_2 - x_1)^2}$

midpoint:

$$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

equation of a line:

$$y - y_1 = m(x - x_1)$$