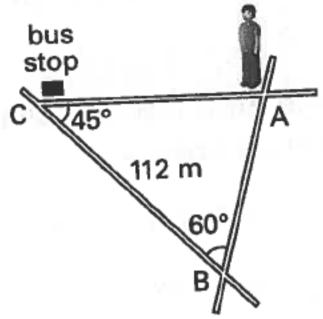




5. The bus stop near Tom's house is at the intersection of three streets as shown. How far is Tom from the bus stop?



First, calculate ∠A.

$$\frac{A}{A} + \frac{180^{\circ}}{45} = \frac{180^{\circ}}{180}$$

$$\frac{A}{A} + \frac{105}{105} = \frac{180^{\circ}}{180}$$

$$\frac{A}{A} = \frac{180}{180}$$

Use the sine law to calculate side b. Round to the nearest metre.

Hint

The angles in a triangle add up to 180°.

























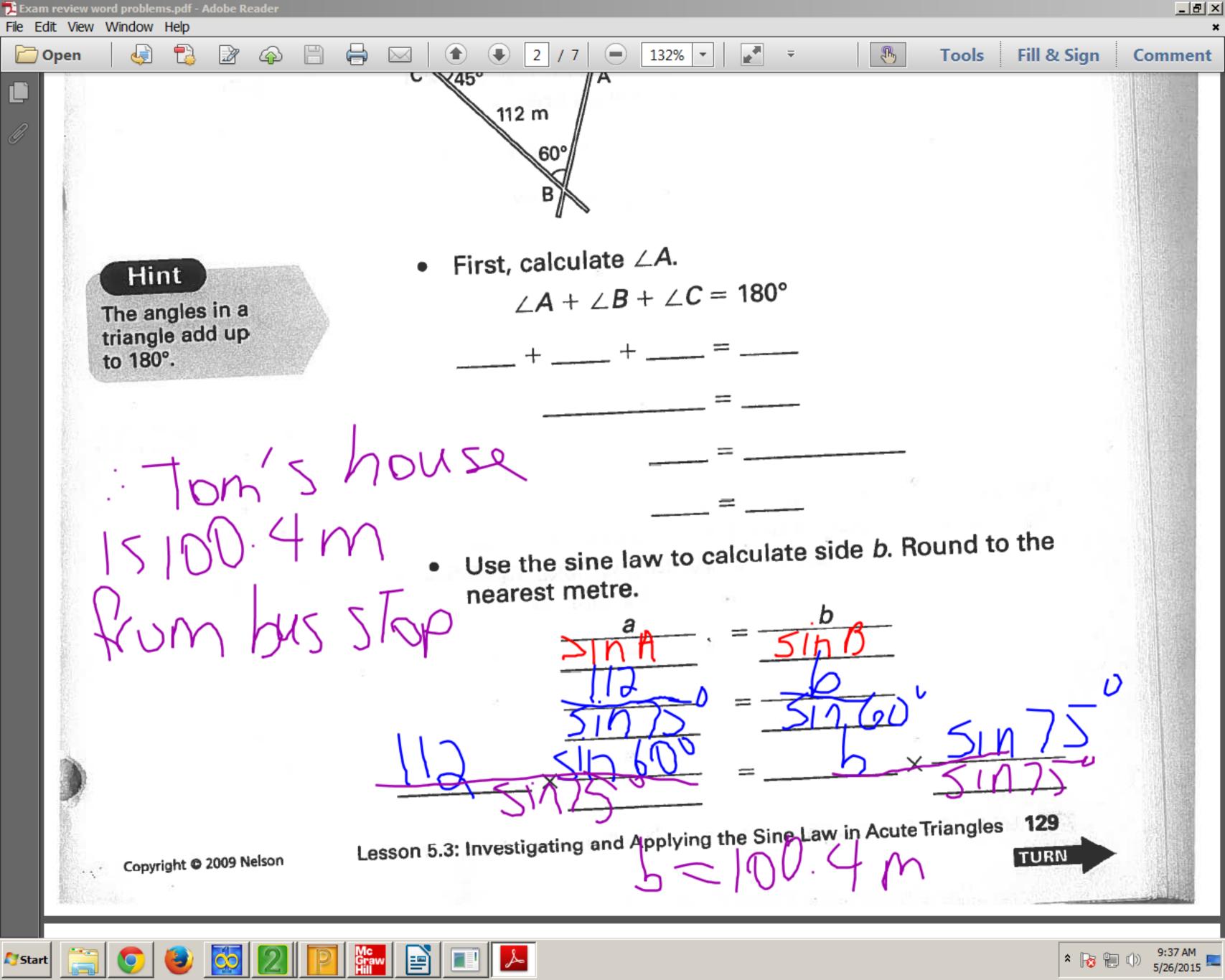


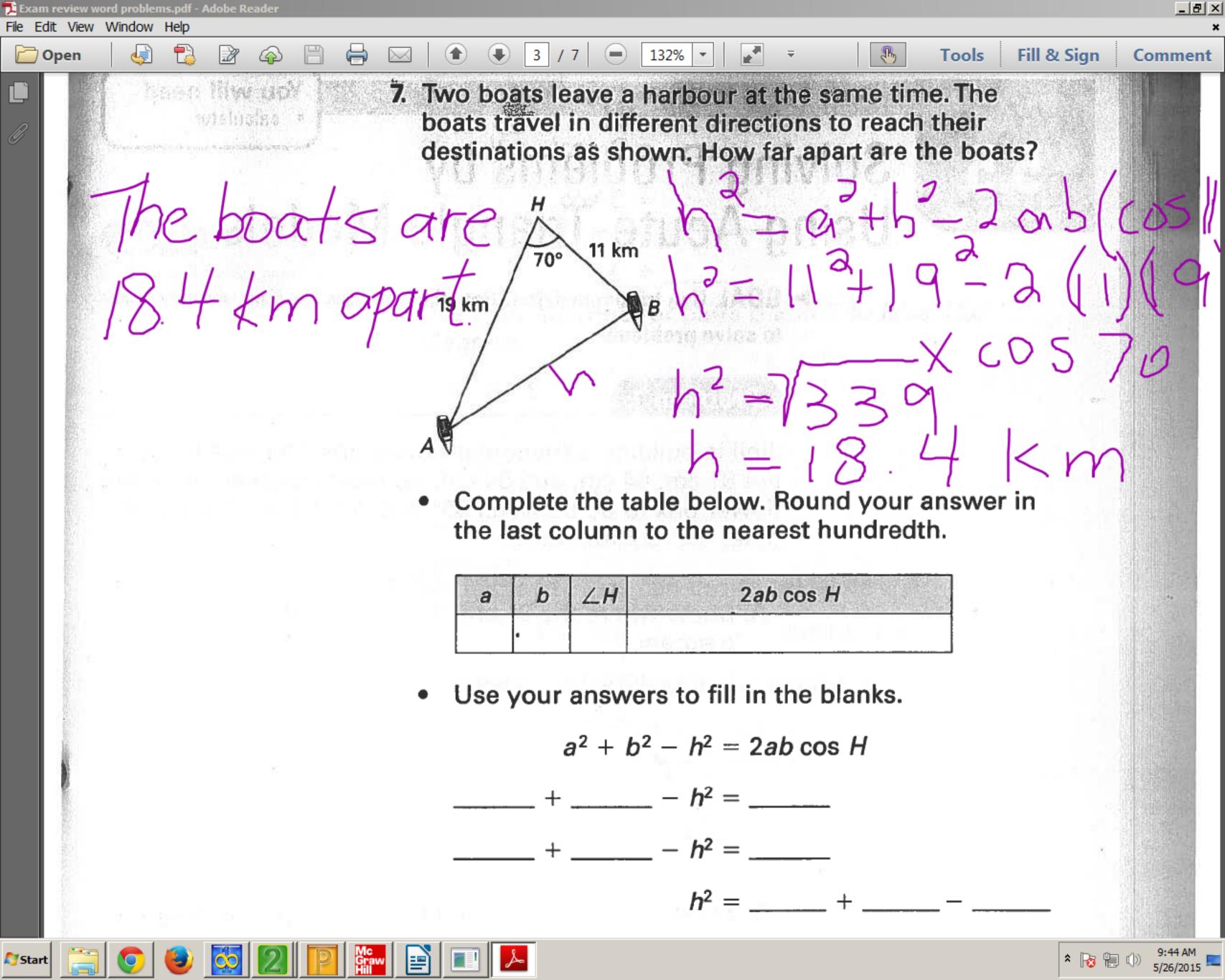








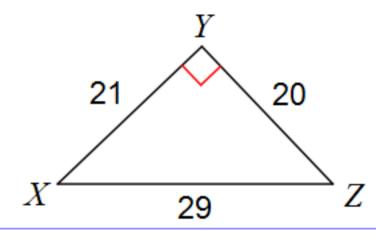




Find the value of each trigonometric ratio to the nearest ten-thousandth. Show formula and work clearly. SOH CAH TOA

1) $\sin X$

🚺 Infinite Algebra 1



$$SINX = Q$$

$$SINX = 20$$

$$SINX = 30$$

$$SINX = 0.6897$$



















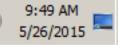




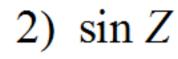


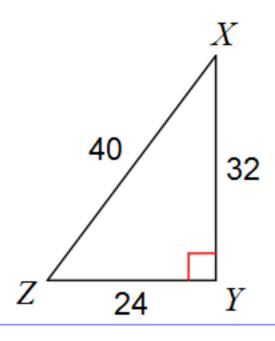






Find the value of each trigonometric ratio to the nearest ten-thousandth. Show formula and work clearly.





✓ Changing questions hides answers More like these

$$Sin Z = \frac{0}{H}$$

 $Sin Z = 32$
 $Sin Z = 0.8000$





















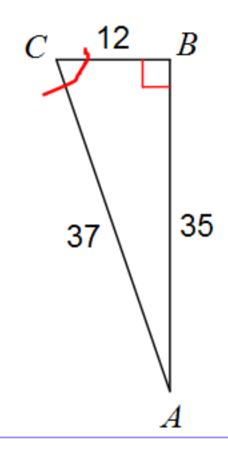






formula and work clearly.

3)
$$\cos C$$



$$cDS C = \frac{12}{37}$$

2050 = 0.3243



















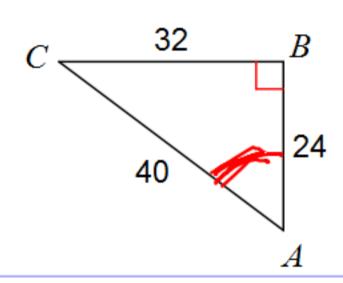






formula and work clearly.

4) $\cos A$



$$\cos A = \frac{24}{40}$$



















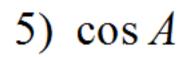








formula and work clearly.





$$CDSA = A$$

$$CDSA = 0.2195$$

























formula and work clearly.

6) tan *X*

