Topics to review

- Converting percents to decimals and fractions (video)

- Solving percent word problems (video)

- Calculating sales tax (website)

Problem 1

There is a jacket you want to buy that costs $\$18.50$

Volusia County sales tax is 6.5%. How much will the tax be?

A. $1.20

B. $19.70

C. $2.00

D. $6.50

Topics to review

- Converting customary units of length (video)

- What is a proportion (video)

- Determine if two ratios create a proportion (video)

Problem 2

If a ladder is 27ft long, how many yards is it?   1 yd = 3 ft
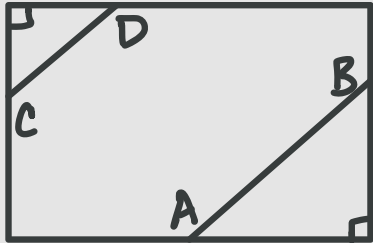

Problem 3

Rewrite problem 2 as a proportion. [Hint: There should be 2 fractions on either side of an equal sign, $\frac{a}{b} = \frac{c}{d}$.]

Topics to review

- Angles, parallel lines, and traversals (video)

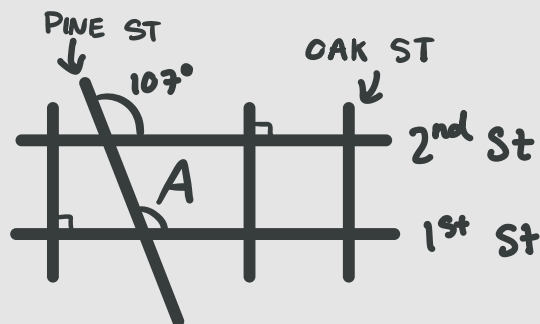- Parallel and perpendicular lines (video)

Problem 4

Which best describes line AB and line CD? The lines are:

A. Intersecting

B. Equal in Length

C. Perpendicular

D. Parallel

Problem 5

Refer to the diagram below to answer the question.

What is the measure of the angle created at the intersection of 1st St and Pine St?