**6.4 The PERCENT EQUATION**

**EQ: What is the percent equation and how do we use it to solve for missing part, whole or percent?**

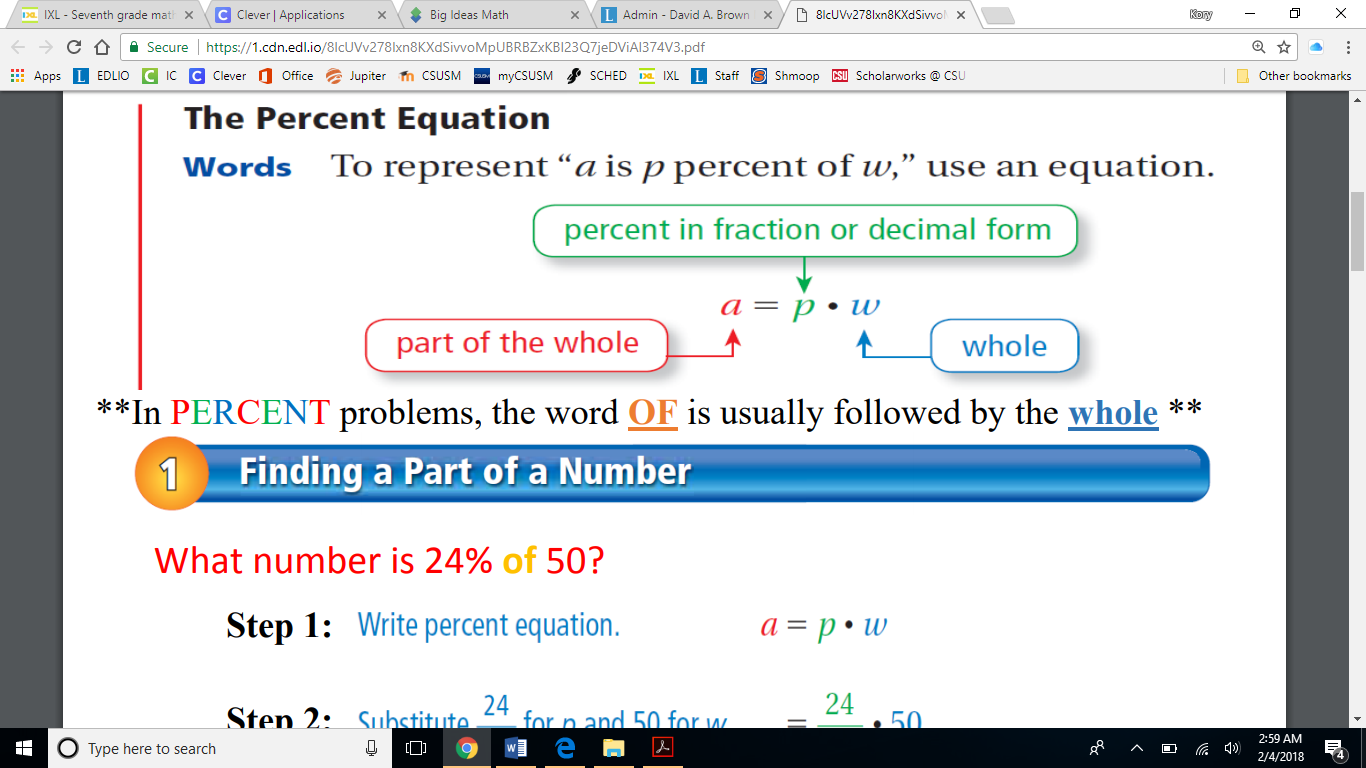
Just like yesterday with the ‘Percent Proportion’, the PERCENT EQUATION can **also** be used to solve for the missing part, whole, or percent.

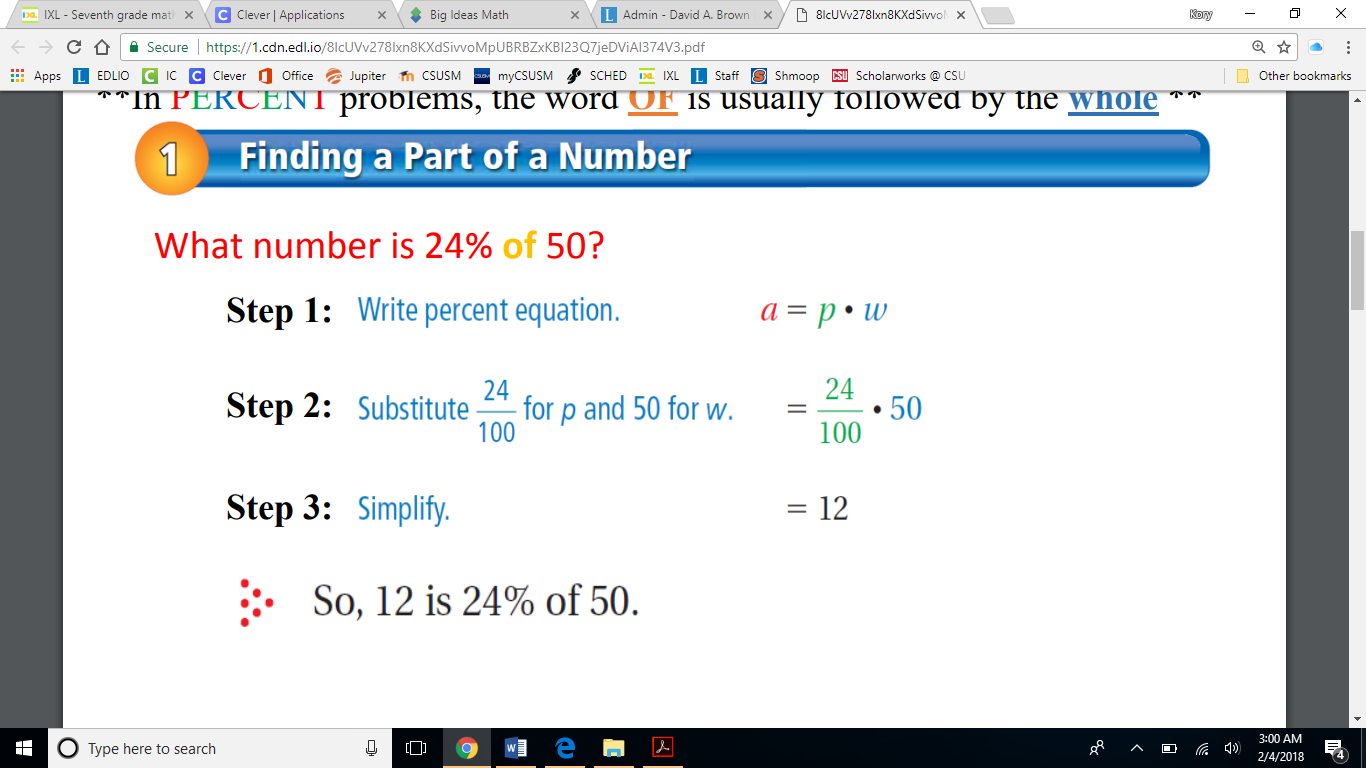
You can use **EITHER** the ***Percent Proportion*** OR the ***Percent Equation*** to solve for the missing ‘values’. Today you will practice solving with ‘Percent Equation’, but after today, you can choose to solve the way that is easiest for you!

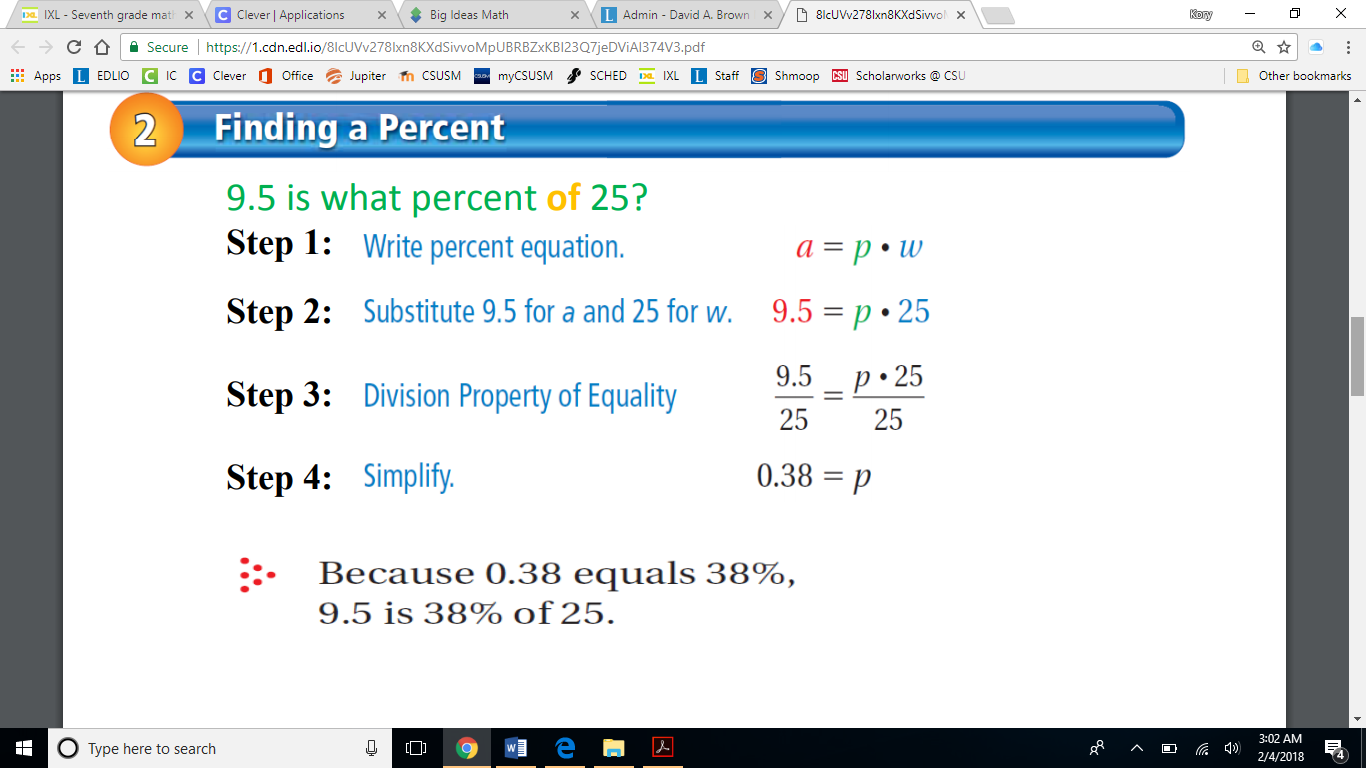
**The Percent Equation:**

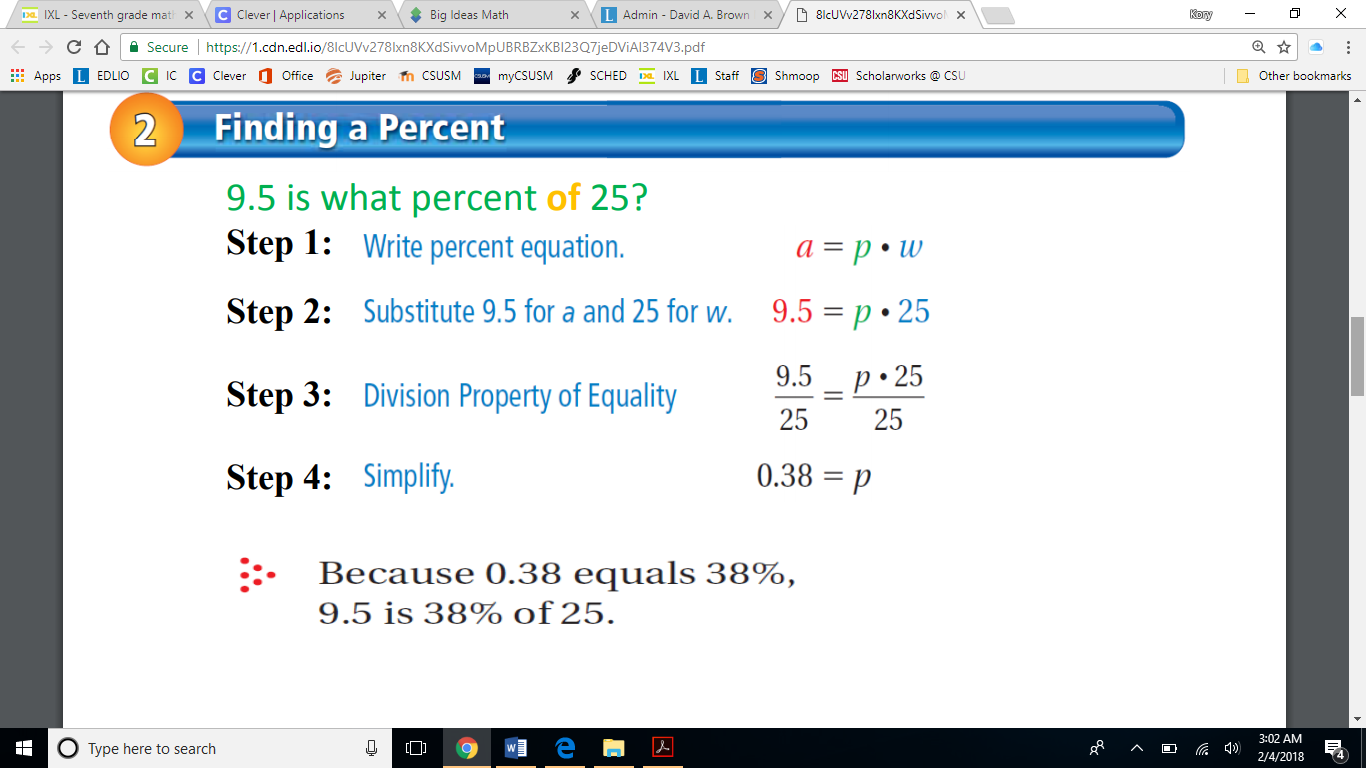
Use the WORDS in the problem, in the order they are given to you to WRITE an EQUATION. Then SOLVE!

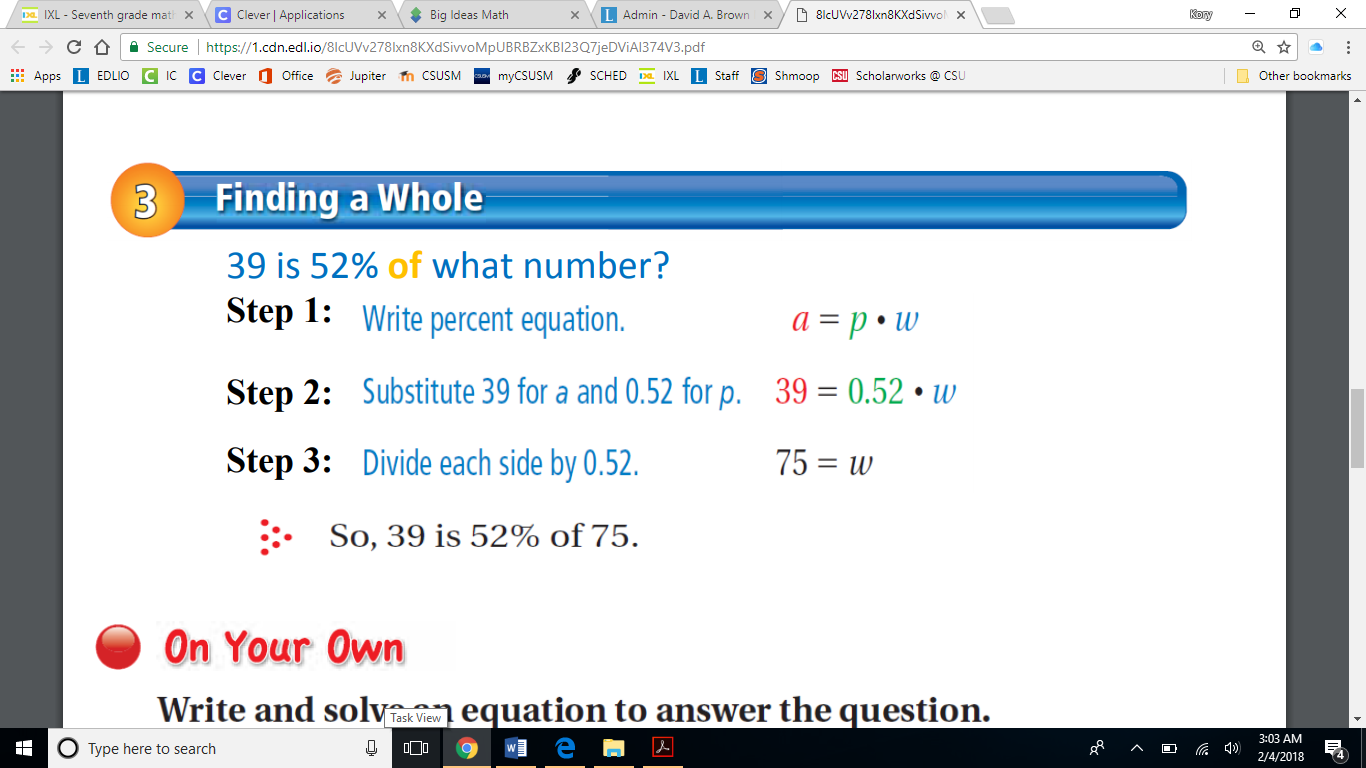
\*\* When writing the ‘PERCENT’ into your equation, you MUST write it as a decimal. If SOLVING for PERCENT, you must rewrite your answer as a PERCENT from the decimal.

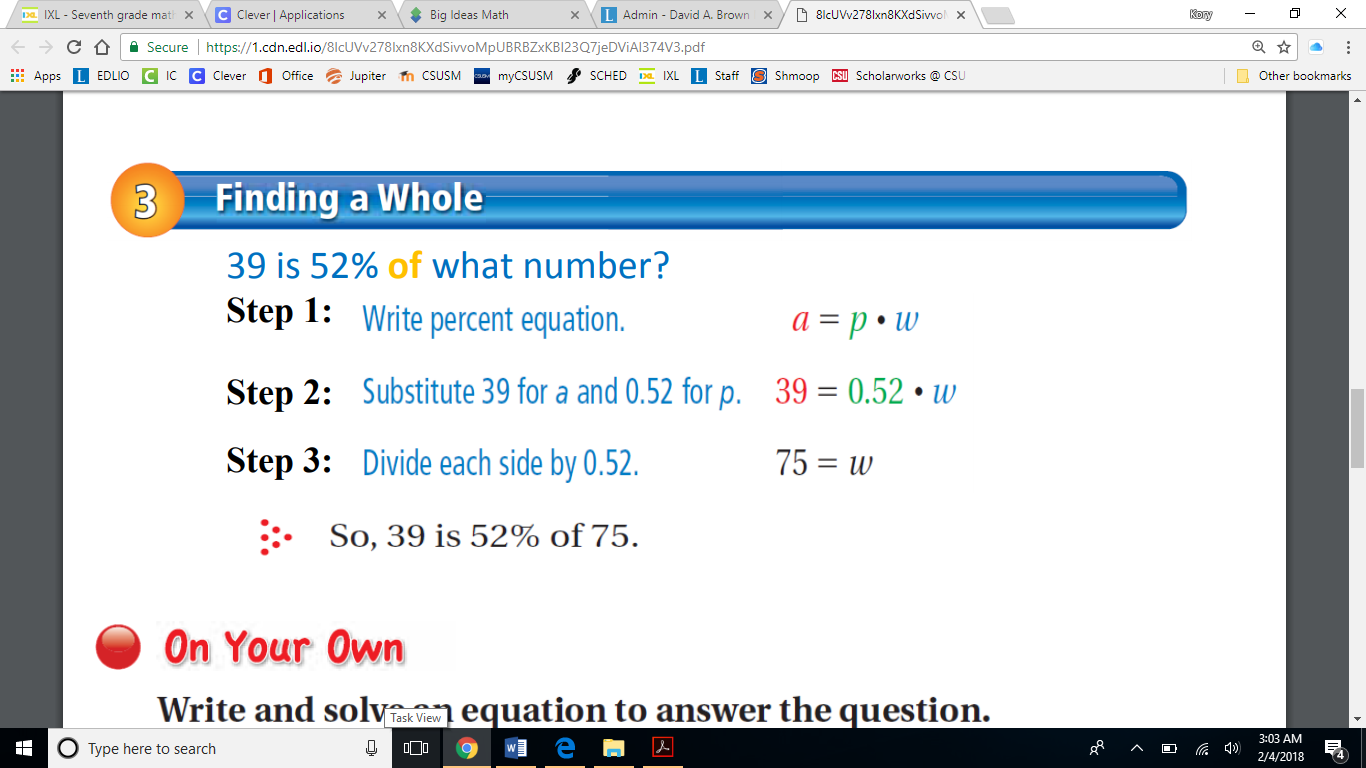


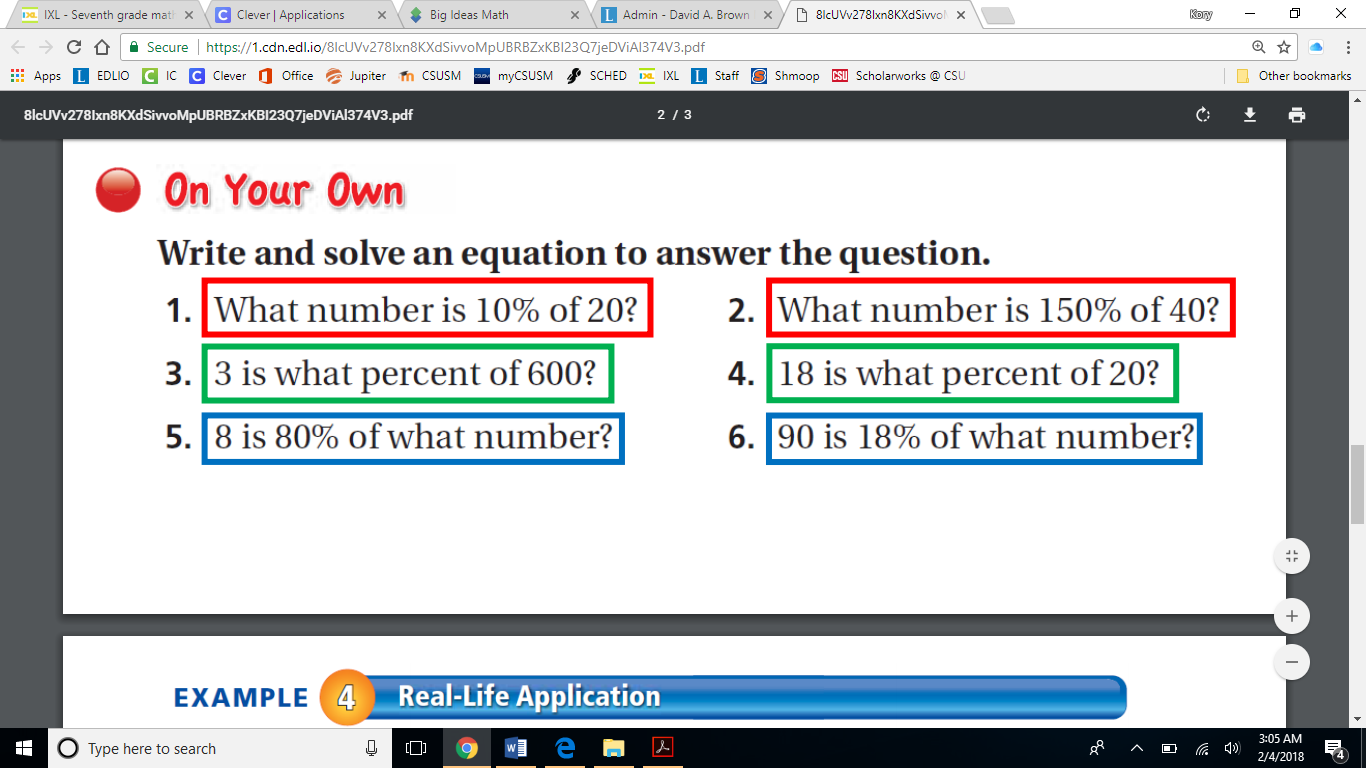












**6.4 The PERCENT EQUATION**

**EQ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Just like yesterday with the ‘Percent Proportion’, the

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can **also** be

used to solve for the missing \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

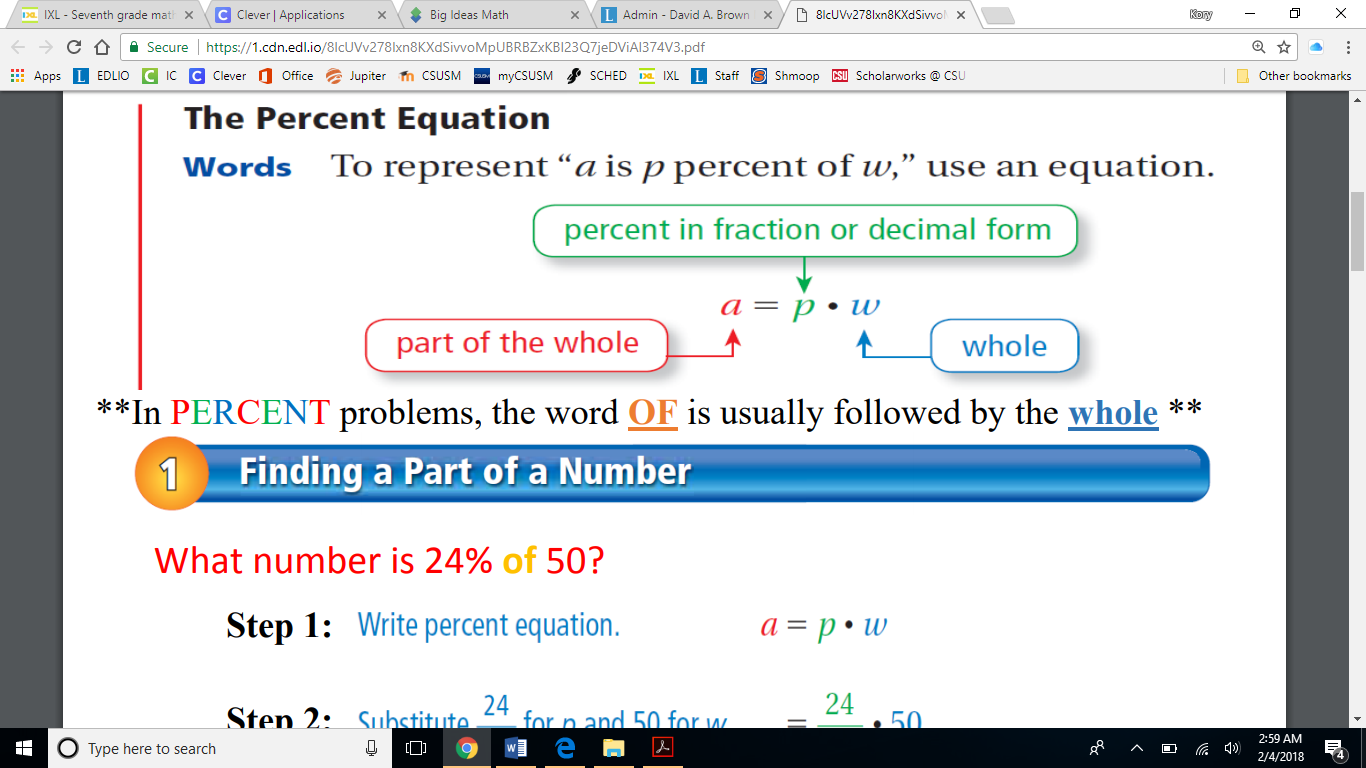
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

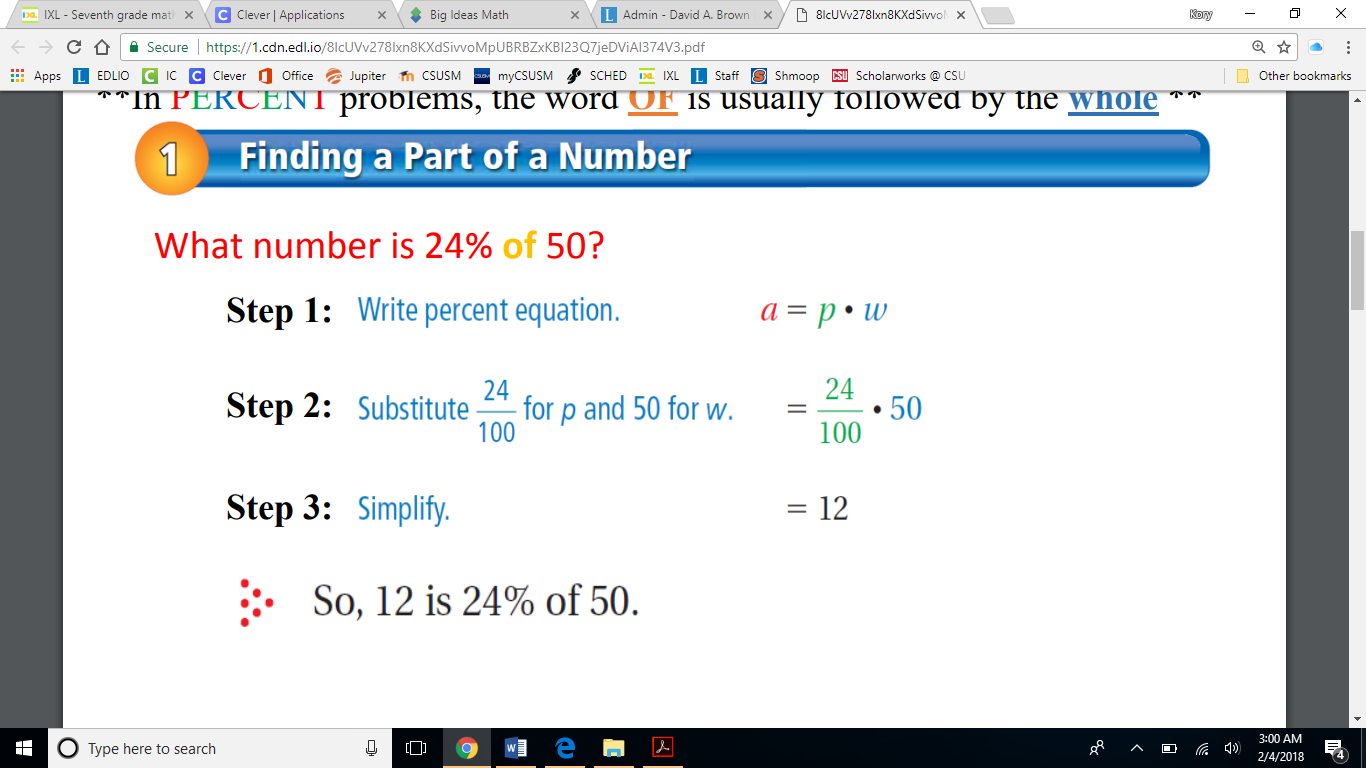
You can use **EITHER** the ***Percent Proportion*** OR the ***Percent Equation*** to solve for the missing ‘values’. Today you will practice solving with ‘Percent Equation’, but after today, you can choose to solve the way that is easiest for you!

**The Percent Equation:**

Use the WORDS in the problem, in the order they are given to you to WRITE an EQUATION. Then SOLVE!

\*\* When writing the ‘PERCENT’ into your equation, you MUST write it as a decimal. If SOLVING for PERCENT, you must rewrite your answer as a PERCENT from the decimal.

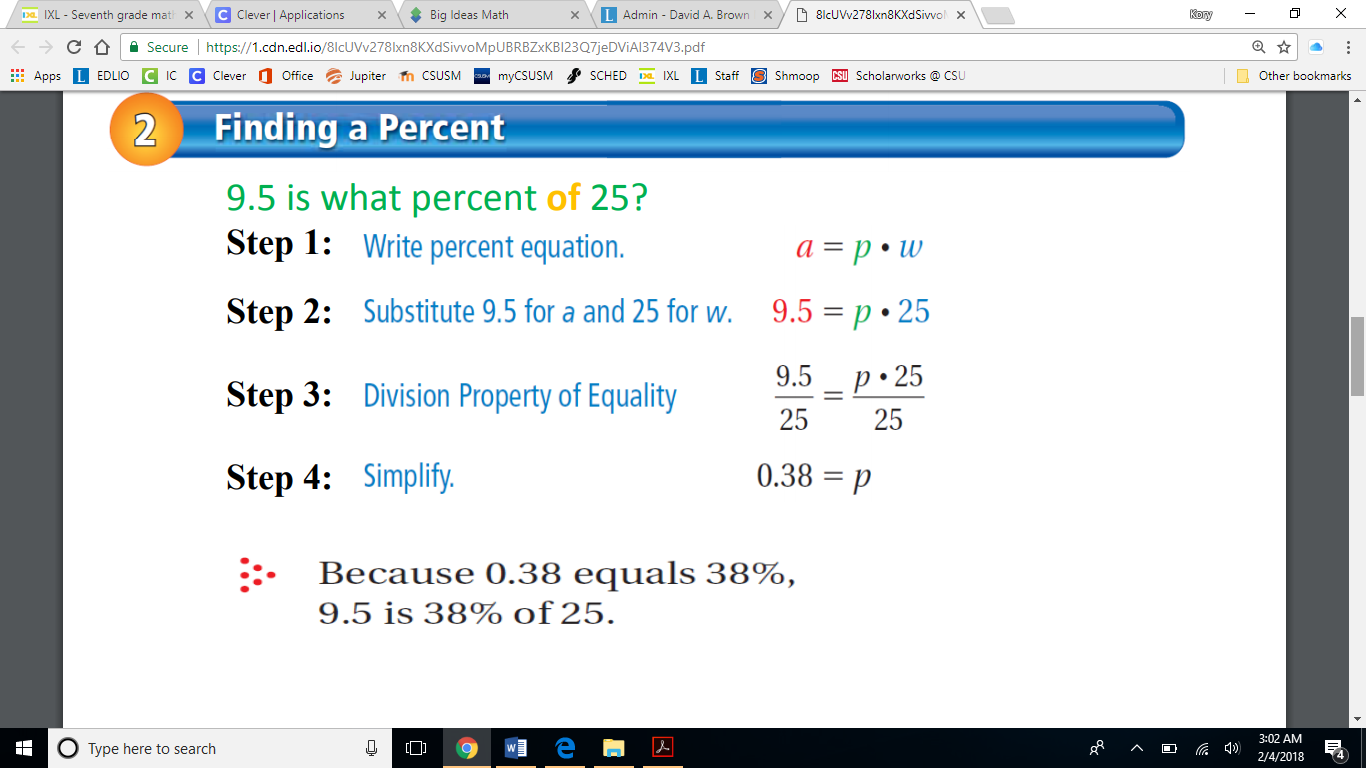


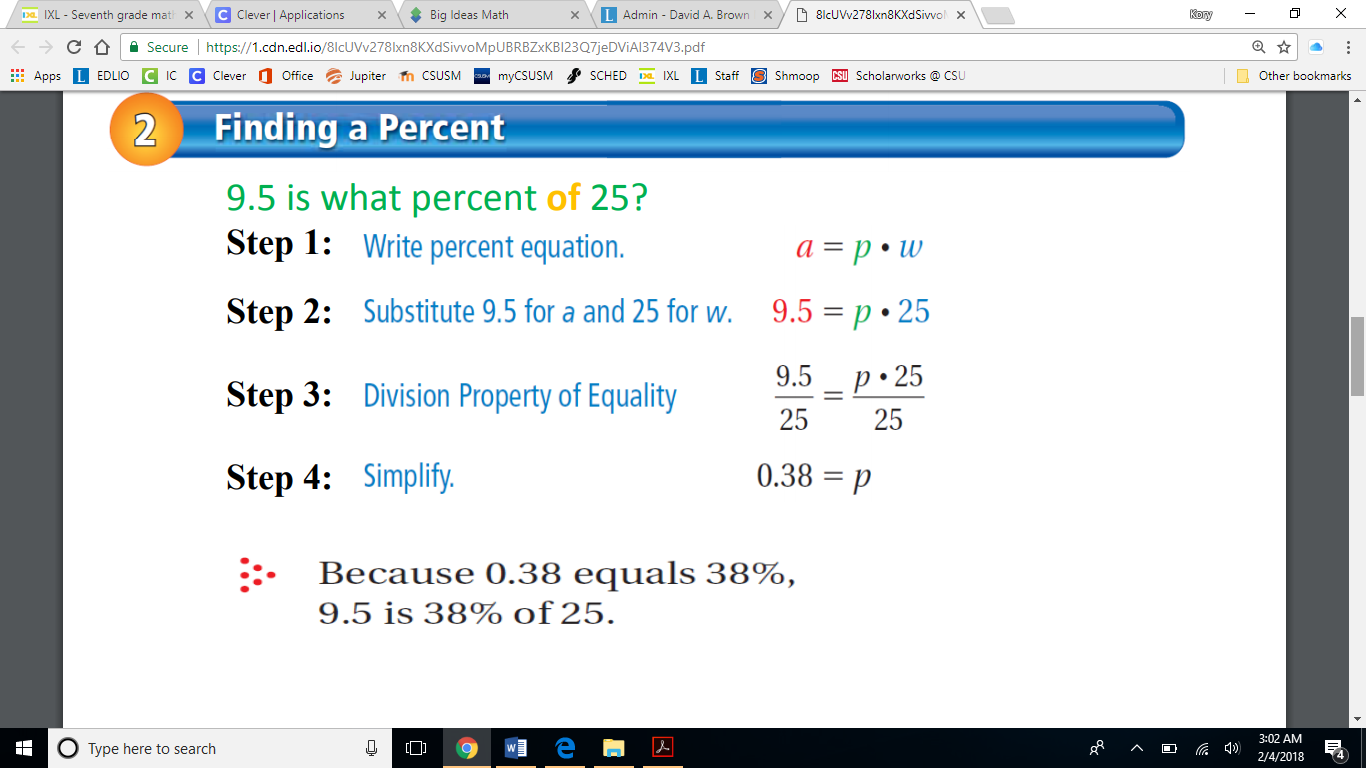


STEP 1: Write an equation.

STEP 2: Substitute the values in for the variables.

STEP 3: Solve the equation.



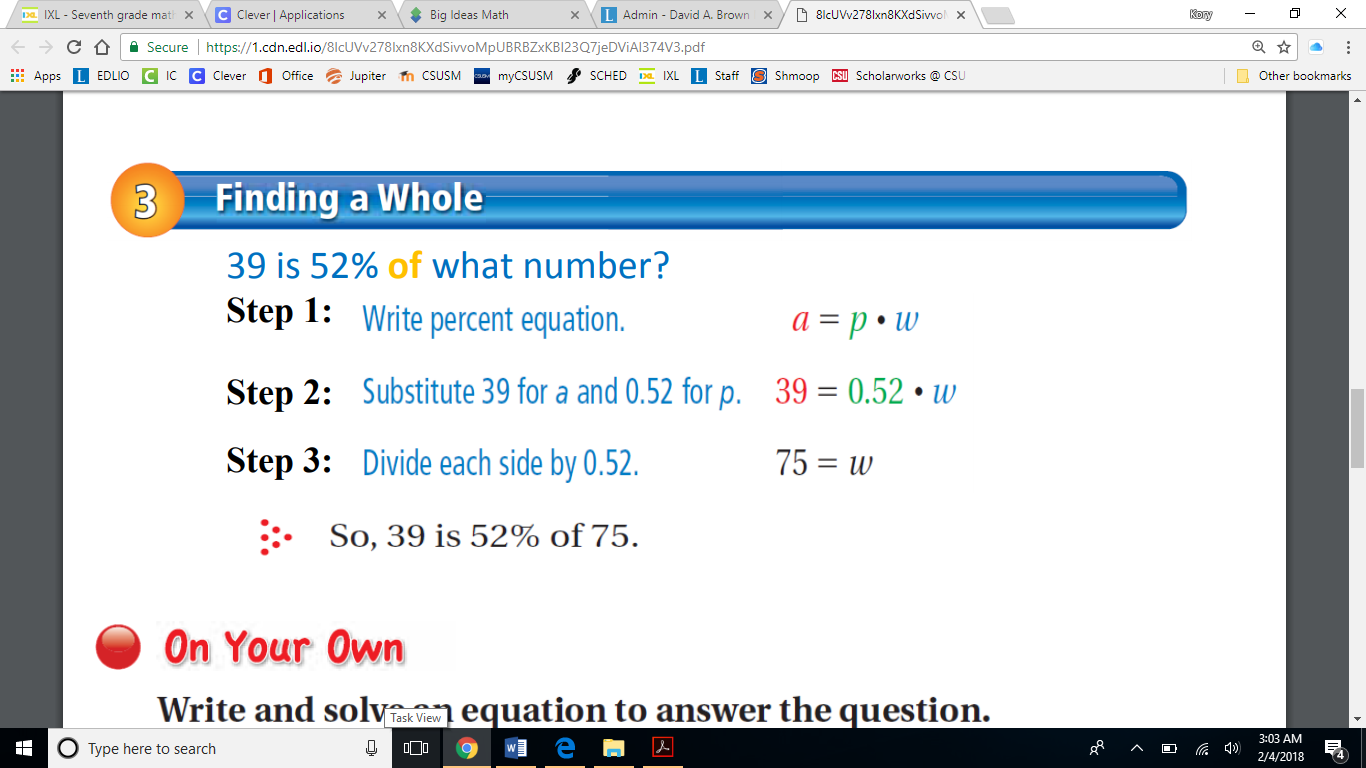


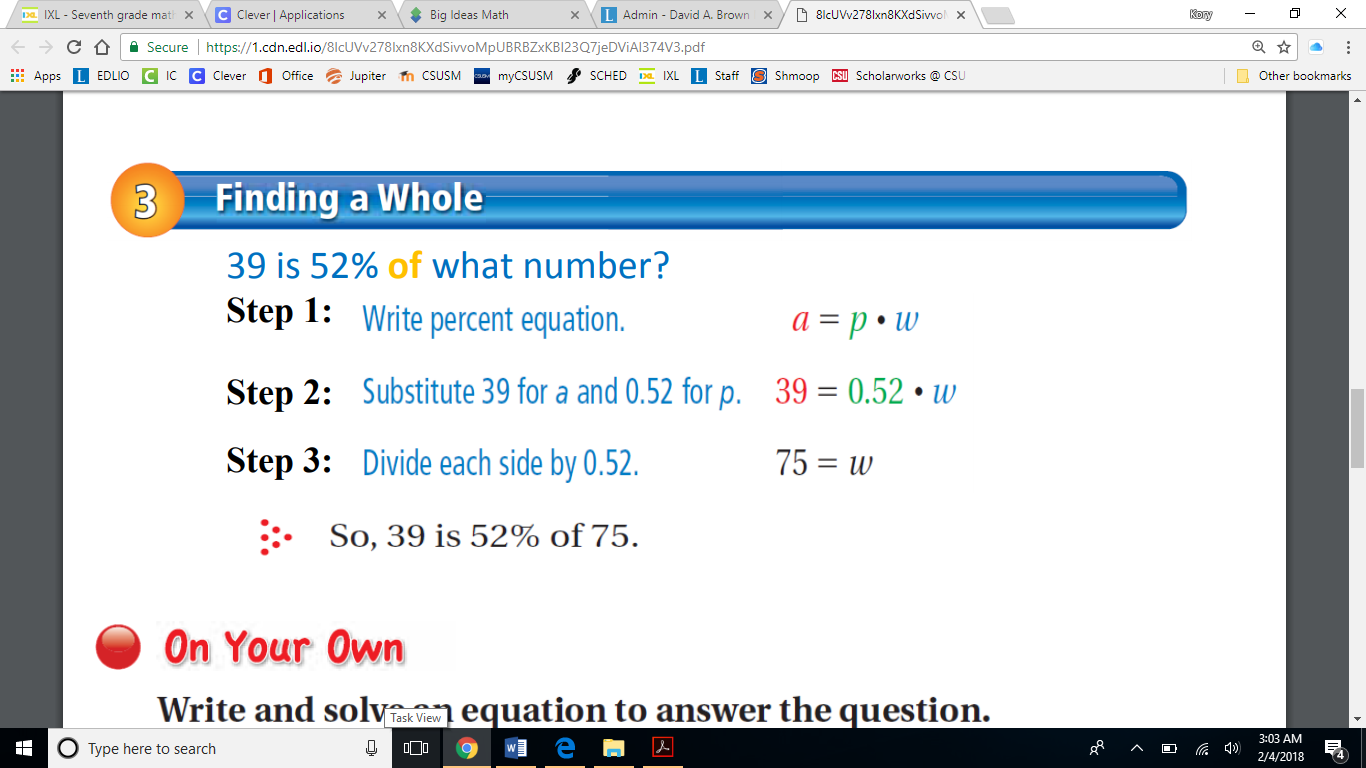
STEP 1: Write an equation.

STEP 2: Substitute the values in for the variables.

STEP 3: Solve the equation.

STEP 4: Rewrite your answer as a PERCENT.





STEP 1: Write an equation.

STEP 2: Substitute the values in for the variables.

STEP 3: Solve the equation.

