

Chapter 2 Test Overview

Percents

Lesson	Workbook Page Numbers	Example Problem
Lesson 1 - "Percent of a Number" Notes = L2-1	Pg. 103-110	Find 5% of 300
Lesson 2 - "Percent and Estimation" Notes = L2-2	Pg. 111-120	Estimate: 76% of 180
Lesson 3 - "The Percent Proportion" Notes = L2-3	Pg. 121-128	18 is 25% of what number? $\frac{\text{part (is)}}{\text{whole (of)}} = \frac{\%}{100}$
Lesson 4 - "The Percent Equation" Notes = L2-4	Pg. 129-136	21 is what percent of 40? Part = Percent \times Whole
Lesson 5 - "Percent of Change/Percent Error" Notes = L2-5, L2-5 (Part 2)	Pg. 143-150	Original = 50 New = 75 $x = \frac{\text{New} - \text{Original}}{\text{Original}} \times 100$
		Exact = 120 Approximate/Estimate = 125 $x = \frac{ \text{Approximate} - \text{Exact} }{ \text{Exact} } \times 100$
Lesson 6 - "Sales Tax, Tip, Markup" Notes = L2-6	Pg. 151-158	\$99 CD player; 5% tax Find the total cost to the nearest cent.
Lesson 7 - "Discount" Notes = L2-7	Pg. 159-166	\$64 jacket; 20% discount Find the sale price to the nearest cent.
Lesson 8 - "Simple Interest" Notes = L2-8	Pg. 167-174	\$640, 3%, 2 years Find the simple interest earned to the nearest cent for each principal, interest rate, and time.

STUDY RESOURCES:

1. Workbook: Your workbook provides step by step example problems and explanations. It also provides practice problems (like your homework).
2. Lesson Notes: The lessons I made for you are also a great resource. Please look at all of your notes and review the example problems.
3. My Website: For more resources such as Games, Practice Worksheets with the Answer Keys (to check yourself), other helpful websites. www.ckuper.wix.com/math (password = henderson)
4. My YouTube Channel: For review, please go to my YouTube channel and click on the playlist called "M7 Chapter 2: Percents". Watching these videos will help review the material in a different way. *I highly recommend watching all videos in the playlist. www.youtube.com/kupermath
5. Your Online Textbook: On your online textbook website, you have access to other review sheets, as well as practice tests for each lesson.
 - a. Sign into your account
 - b. Click on the blue button and click on "Chapter 2: Percents" from the drop down menu.
 - c. That will also bring up another drop down menu with each lesson.
 - d. Example) Click on "Lesson 1: Percent of a Number".
 - i. On the right side of the screen, you will see a box that says "Lesson Resources"
 - ii. Click on the right side arrow until you see a red box with a check mark inside, then click on it.
 - iii. This will bring up a page that has a "Self-Check Quiz". Click on that and answer the questions.
 - iv. When you're finished, click "Check it". It will tell you what you got correct and incorrect. You can also try the quiz again, as many times as you'd like.

*You should have your username and password on your "Username and Password Tracker" hand out. If not, please sign up so that you can take advantage of these resources. (sign up instructions are on my website).

SELF EVALUATION:

Rate yourself from 1-3 on each lesson. (put a check mark in the appropriate box)

- 1 = I don't understand. I need more work on this.
- 2 = I'm almost there. I might need more practice.
- 3 = I can do this! I'm ready for the test!

LESSON	1	2	3
Lesson 1: Percent of a Number			
Lesson 2: Percent and Estimation			
Lesson 3: The Percent Proportion			
Lesson 4: The Percent Equation			
Lesson 5: Percent of Change/Percent Error			
Lesson 6: Sales Tax, Tip, Markup			
Lesson 7: Discount			
Lesson 8: Simple Interest			