

Lesson Plan

Grade/Class	SEVEN	Date	NOVEMBER 2020
Topic	RELATING FRACTIONS, DECIMALS AND PERCENT	Time	80 MINUTES (2 CLASSES)
Unit title	FRACTIONS, DECIMALS AND PERCENT	Designer	PAMELA SARFO

Lesson Outcomes

Essential Understandings

The students will know:

- The principle or how to use long division to change a fraction to a decimal.

Essential Questions

- How can one change from decimal to percent?
- How can one change from fraction to decimal?
- How can one change from percent to fraction?

Curricular Outcomes

The student will be able to:

- The student will be able to convert from a fraction to a decimal.
- The student will be able to convert from a decimal to a percent.
- The student will be able to convert from a percent to a decimal.
- The student will be able to convert from a percent to a fraction.

Cross-Curricular/Real World

Connections

- Decimals and percent = money and budgeting
of taxes, discounts/sale price.

Materials (ICT considered)

Resources referenced, handouts, ICT equipment, etc.

- Print the dividing decimals worksheet 3.7 for students.
- Get colour notes and extra pencils available.
- Get Math Minute (number 38) ready on the board.
- Get Fractions, decimals, and percent worksheet ready
- Get few examples ready on the board to work through with students.
- Extra copies
- <https://www.pbslearningmedia.org/resource/f79f8bb4-ef77-4ca5-afa8-4e5c69211786/f79f8bb4-ef77-4ca5-afa8-4e5c69211786/>

Differentiation Strategies

Consider cultural diversity, adaptations, and groupings

- Students will use calculators to check their final answer.
- Students will show all work using the multiplication table in their Math Notebook.
- Students will be given more examples to work. The more students work examples, the easier it gets, understanding the concept of dividing decimals.
- I will observe to see if students are getting the concept by examining their notes.

Assessment Evidence

Assessment FOR learning Students will solve the fractions, decimals and percent worksheet.	Assessment AS learning Students will self assess themselves. On scale of 3-1, assess yourself.	Assessment OF learning <ul style="list-style-type: none"> • Students will work on the worksheet 3.7.
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	Where 3 - I totally understand, 2- I think I am okay, 1- I have a problem.	
Learning Plan		
Activating	<ul style="list-style-type: none"> Students will solve Math Minute 38 on the board. I will complete the task with the class after 10 minutes. I will write three examples of fractions on the board. Here, students will change the fractions to decimals using long division learned from division of decimals lesson. 	Timeline 25minutes
Acquiring	<ul style="list-style-type: none"> Students will learn that changing decimals to percent means multiply the decimal number by 100%. Students will learn that changing percent to fraction means divide whatever percentage you have by 100%. With the help of the teacher, students will play DUNK TANK game on the smartboard. 	30minutes
Applying	<p>Students who finish with worksheet 3.8.</p> <p>Student will finish fractions, decimals, and percent worksheet the next day.</p>	25minutes
Reflections about the lesson:		