

DIVISION OF NUMBERS BY MULTIPLES OF 10

3.20.2019

Subject

Mathematics

Prepared By

[Instructor Name]

Grade Level

4

Overview

This lesson plan covers teaching content for;

1. Division of decimals by multiples of 10
2. Quantitative reasoning on division

Objectives

Students should be able to;

1. Divide numbers by multiples of 10
2. Solve quantitative aptitude problems involving division of numbers by multiples of 10

Activity Starter/Instruction

1. Introduce division to the pupils.
2. Explain that division is the opposite of multiplication that they are already familiar with.
3. Work through a few multiplication questions.

Guided Practice

Day 2/ Lesson 2: 15 Mins

1. Explain to the pupils how to determine how many group of 10 are in a given number e.g. there are 3 groups of 10 in 30. $30 \div 10 = 3$.

Teacher Guide

Day 1/ Lesson 1: 15 Mins

1. Explain what division is to the pupils.
2. Explain that the result of division is called Quotient.
3. Ask the pupils to list out numbers that are multiples of 10.
4. Correct them where necessary.

Guided Practice

Day 3/ Lesson 3: 15 Mins

1. Solve division problems involving 2 or more digits' numbers.

Materials Required

-Work book

Additional Resources

- <https://www.onlinemathlearning.com/divide-multiples-10.html#>
- <https://www.tes.com/teaching-resource/multiplying-and-dividing-by-multiples-of-10-11333068>
- <https://www.tes.com/teaching-resource/multiplying-and-dividing-by-multiples-of-10-11333068>
- https://learnzillion.com/lesson_plans/378-divide-multiples-of-10-using-knowledge-of-basic-facts-and-place-value/?card=8325
- <https://www.khanacademy.org/math/cc-fifth-grade-math/multiplication-and-division/cc-5th-division/v/strategies-for-dividing-multiples-of-10-100-and-1000>

Additional Notes

	<p>2. Ask them to determine how many group of 10 are in 50, 70 and 90.</p> <p>3. Explain to the pupils how decimal place changed when a carrying out division.</p> <p>4. Show examples of this.</p>	<p>2. Clearly show how decimal point is moved in each solution.</p> <p>3. Give pupils quantitative aptitude problems to solve.</p> <p>4. Check their results.</p> <p>5. Together with the pupils, solve the questions on the board.</p>
	<p>Assessment Activity</p> <p>Assess the students on how to determine how many group of 10 are in 100, 200</p>	<p>Assessment Activity</p> <p>Assess them on quantitative aptitude problems involving division.</p>
	<p>Summary</p> <p>2. Ask for volunteers to share their answers to the problems assigned.</p> <p>3. As the problems are reviewed in front of the class, have the students check their answers for accuracy.</p>	