

Name: _____

Grade 4 Math – Chapter 12

Fractions and Decimals

Guidelines:

1. You may complete as many of the activities as you like in the given time period.
2. You may choose any combination of activities.
3. You must complete activities totalling at least 100 points.
4. You may be as creative as you like within the guidelines listed below.

Plan to Do	Activity to Complete:	Point Value
	Write a letter to your parents explaining how decimals are part of our daily life. Use examples to prove your point.	25
	Create a number path that starts with 13.5 and goes to 92.4. Using 7 steps and both addition and subtraction, show how you could get from the first number to the second one.	25
	Make a Venn diagram that compares decimals to fractions.	25
	Convert a recipe from fractions to decimals. If you were going to make the recipe for your entire class, how much of each ingredient would you need?	20
	Create a set of 10 trading cards showing the tenths decimals from 0.1 to 1.0. Include their equivalent fractions, facts about them, and at least one drawing on each card.	25
	Create a cube showing 6 real life ways we use fractions and decimals.	20
	Create a game that challenges your classmates' knowledge of putting fractions in order from greatest to least or least to greatest. Use proper fractions, improper fractions, and mixed numbers.	25
	Create a concentration game that matches fractions to their decimal equivalents.	20
	Create a fractions or decimals crossword puzzle where all of the clues are problems and the answers are written in words.	30
	Create a cube game using three cubes. In this game, players must roll two cubes to get two decimal numbers, and one cube showing a mathematical operation (addition or subtraction). Provide an answer card for all the possible combinations.	30
	Create a cube showing 6 word problems using fractions. Show 3 addition and 3 subtraction problems. Include an answer sheet.	20
	Create a song that tells the steps when adding or subtracting fractions.	20
	Your teacher wants to put a new border around the bulletin boards in the classroom. She needs measurements to the nearest centimetre. Measure the bulletin boards and record the exact amount of border she needs.	25
	Make a Mr. Math video that shows how to add and subtract fractions using manipulatives. Give examples using both basic questions and word problems.	30
	Create a Smart Notebook presentation that shows how to add and subtract decimals. Use pictures from the gallery as manipulatives.	25
	Free Choice: Must be outlined on a proposal form and approved before beginning work.	10-30

I plan to do _____ activities totalling _____ points.

Student's Signature

Teacher's Initials