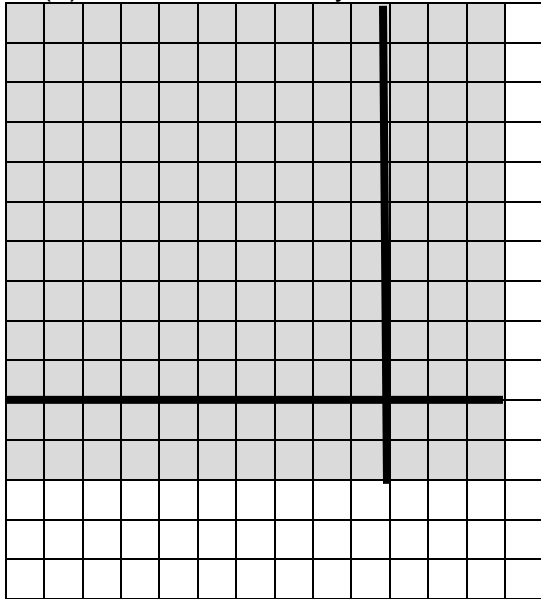**Pre-/Post- Supplies**

	Base Ten manipulatives suggested for students to have available to use. • Hundreds, tens, ones

4th Grade Pre-test Teacher Scoring Instructions and Answer Key

Note: *"Strategy"* refers to any method that could lead to the correct answer. Students may use a correct strategy and still get an incorrect answer.
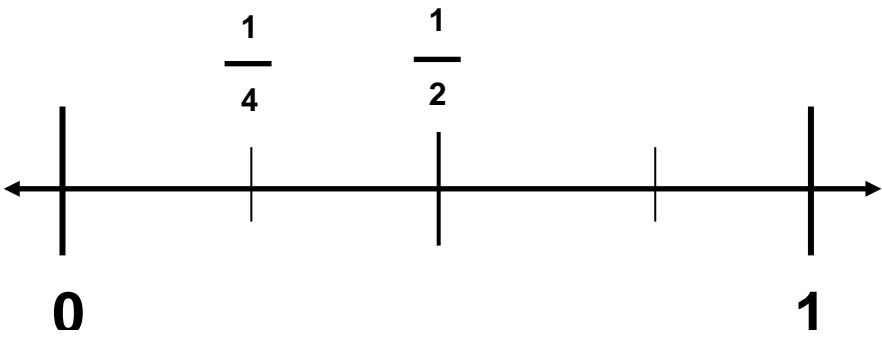
	Problems-Solutions
NY-4. NF.6 **1a-Award 1 point** for the correct answer **1b-Award 1 point** for the correct answer	1. Write the following fractions as decimals. (a) $\dfrac{62}{100}$ = _____ (b) $\dfrac{7}{10}$ = _____ ***Answers:*** **(a) 0.62** **(b) = 0.7 (but 0.70 isn't wrong)**
NY-4.NBT.4 **NY-4.NBT.5** **2a-Award 1 point** for array **2b-Award 1 point** for correct answer **2c-Award 1 point** for showing a reasonable method	**2.** Represent 13 x 12 using an array. (a) Shade in the array. ***Correct Responses:*** **(a) The array can be drawn to show 13 by 12 or 12 by 13.** **Note:** Students do not have to show the heavier lines for 10 x 10. They just help a student find and count the 100-block and the rows of ten. **(b) *Answer:* 156** **(c) Method Point: Give point for any reasonable method to find the product.**

4th Grade Pre-test Teacher Scoring Instructions and Answer Key

> **Note:** *"Strategy"* refers to any method that could lead to the correct answer. Students may use a correct strategy and still get an incorrect answer.
>
> **Note:** *Writing labels* is important to stress during instruction. However, for the purpose of this assessment, students do not lose credit when the label is missing.

NY-4. NF.7
 	
3-Award 1 point for correct answer
	3. Carolyn needs to walk another mile this week in order to meet here goal.
	Circle the longer trail:
	    A. The Boulder Trail ……………….. 0.60 mile
	
	    B. Five Falls Trail ………………… 0.39 mile
	
	Answer: **A.** The Boulder Trail is longer. 0.60 mile is greater than 0.39 mile.

NY-4. NF.2 **4-Award 1 point** for correct answer	**4.** Marci has two recipes for biscuits. One recipe needs $\frac{1}{2}$ cup of buttermilk and another that needs $\frac{3}{4}$ cup of buttermilk. Using the fractions above, write the comparison sentence: _____ > _____ *Answer:* 3/4 > 1/2 Three fourths is greater than two fourths.
NY-4.MD.4 **5-Award 1 point** for correctly placing ***both*** fractions	**5.** Write these fractions on the number line.

Note: *"Strategy"* refers to any method that could lead to the correct answer. Students may use a correct strategy and still get an incorrect answer.

Note: *Writing labels* is important to stress during instruction. However, for the purpose of this assessment, students do not lose credit when the label is missing.

NY-4.NBT.5	**6.** There are 42 corn stalks in a row of corn. There are 16 ears of corn on one stalk. How many ears of corn in all? Show your work.
CGI-Equal Groups (Result Unknown or "a x b = ?")	
	Answer: 672 ears of corn
6a-Award 1 point for the correct answer	*Strategy Point:* Students may choose to use any reasonable strategy such as drawing a diagram, array, breaking apart, using a traditional algorithm (using numbers and a process), etc.
6b-Award 1 point for showing a ***reasonable*** strategy	(42 x 16)
NY-4.NF.6	**7.**
7-Award 1 point for having ***both*** answers correct	(a) Write the fracton that would best represents the shaded portion of this bar. _____
	Answers: (a) 3/10 (b) 0.3 (but 0.30 is not wrong)
	(b) Write the fraction as a decimal. _____

_____/11
Total Points