

# Grade 5: Fraction Concepts 2

---

DMTI VARIED PRACTICE

# DMTI Varied Practice Worksheets

---

This ppt displays the worksheets that have varied situations (context, visual, equations, and other mathematical models) for students to work on. By completing these worksheets, students increase their foundational skills in the topic, which will help them with these standards and future mathematical topics.

1. If using a journal, have students present the worksheet and complete all the problems.
2. Or print the student 'Varied Practice Worksheet' – slide 4.

# Grade 5: Fraction Concepts – Part 2


## Materials Needed

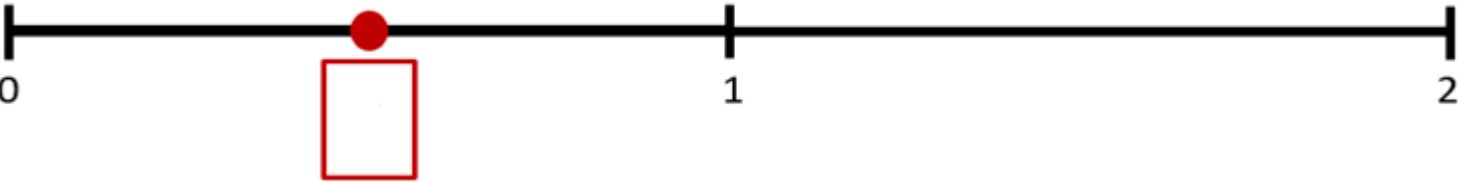
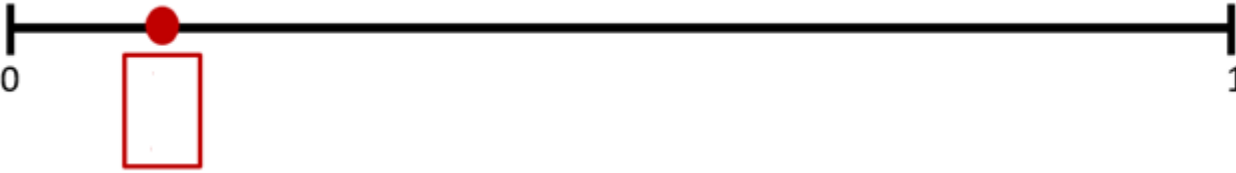
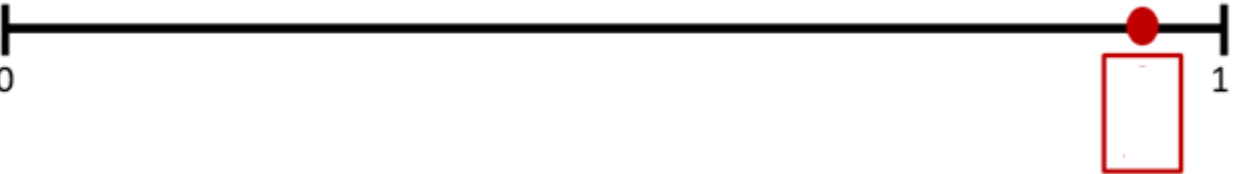
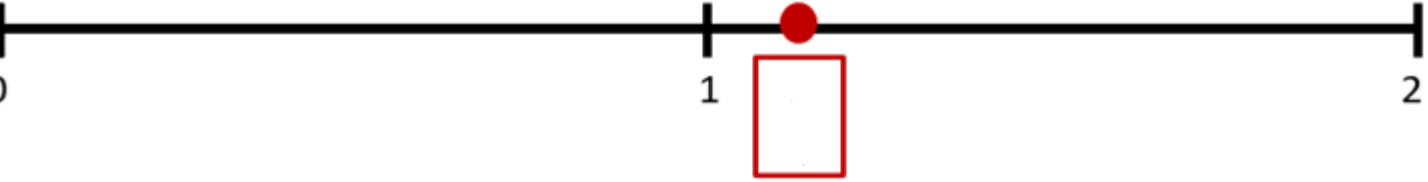
Printed copies of the Fraction Concepts- Part 2 worksheet

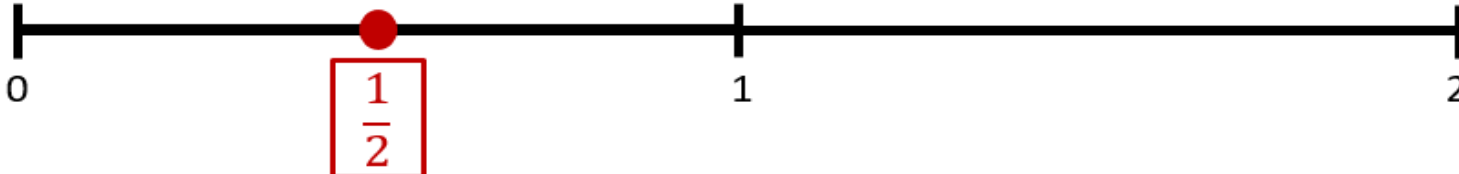
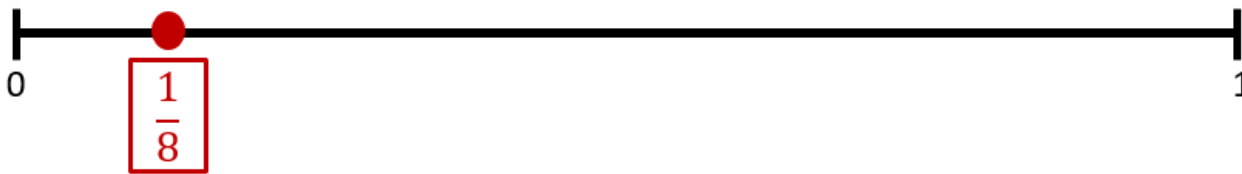
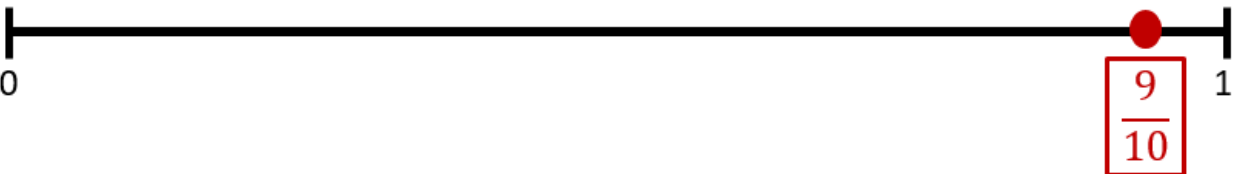
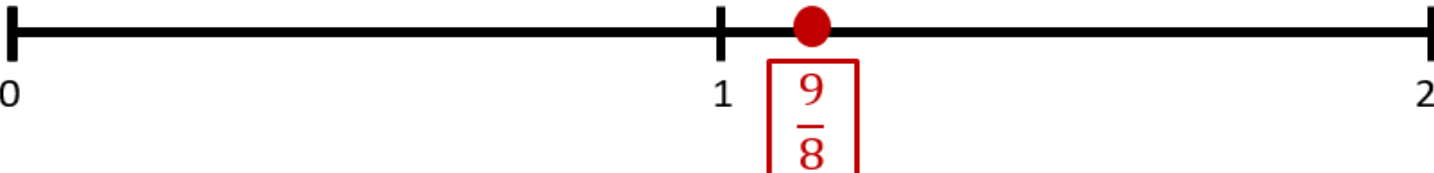
## Instructions

1. You will be given a number line. A single point will be marked on the number line but the number line will not be partitioned into unit fractions
2. Estimate what number you think the point is and choose the best estimate from the answer options provided.
3. Complete the **Explanation** by finishing the provided sentence starter. Try to describe your estimation strategy. Did you think about where  $\frac{1}{2}$  was? Did you look at how close to 0, 1, or 2 the point was? Did you use what you know about equivalent fractions? Did you have another strategy?

*Example:*

Number Line	Number			Explanation
	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{6}$	<i>I know the fraction is <math>\frac{1}{4}</math> because it looks like it is half of one half.</i>

Number Line	Number			Explanation
	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{6}$	I know the number is _____ because
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{4}{8}$	I know the number is _____ because
	$\frac{2}{3}$	$\frac{9}{10}$	$\frac{9}{8}$	I know the number is _____ because
	$\frac{6}{10}$	$\frac{9}{10}$	$\frac{9}{8}$	I know the number is _____ because

Number Line	Number			Explanation
	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{6}$	I know the number is $\frac{1}{2}$ because it looks like it takes two units to make each whole unit of one.
	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{4}{8}$	I know the number is $\frac{1}{8}$ because it is the smallest number and is closest to 0.
	$\frac{2}{3}$	$\frac{9}{10}$	$\frac{9}{8}$	I know the number is $\frac{9}{10}$ because it is closest to 1 without going past 1.
	$\frac{6}{10}$	$\frac{9}{10}$	$\frac{9}{8}$	I know the number is $\frac{9}{8}$ because it is just past 1.