

Grade 4: 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 4: Fraction Concepts– Part 2

Materials Needed

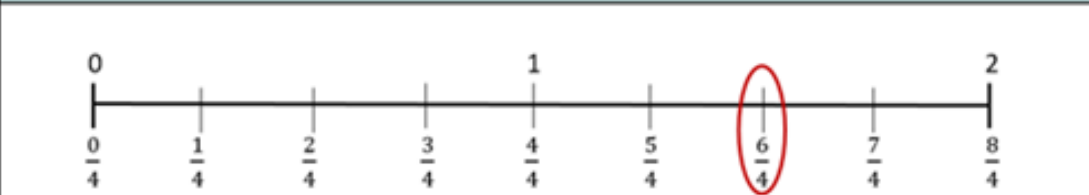
Printed copies of the Fraction Concepts- Part 2 worksheet

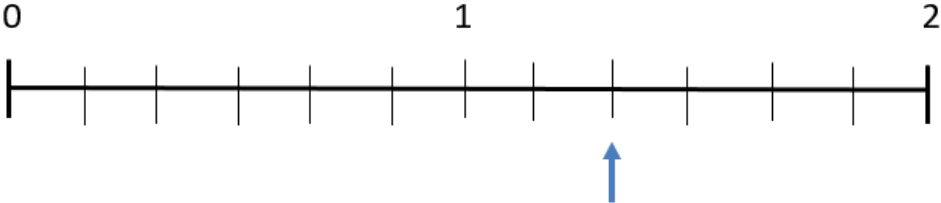
Instructions


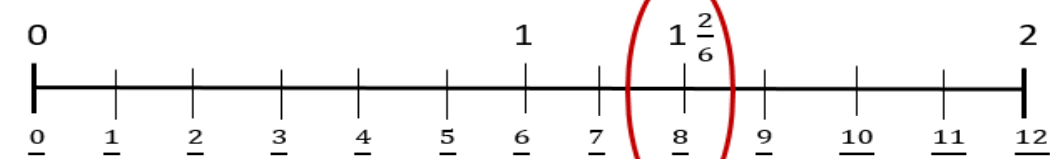

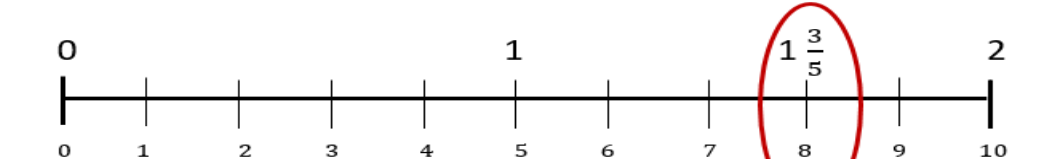
1. You will be given a fraction or mixed number, a number line, or a completed sentence frame.
2. You will then fill in the two missing parts.

Remember that a **unit fraction** is any fraction with 1 as the numerator.

Example:

Fraction	Number Line	Sentence Frame
$\frac{6}{4}$	 <p>A number line from 0 to 2 with tick marks every $\frac{1}{4}$. The tick marks are labeled $\frac{0}{4}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$, $\frac{4}{4}$ (labeled 1), $\frac{5}{4}$, $\frac{6}{4}$ (circled in red), $\frac{7}{4}$, and $\frac{8}{4}$ (labeled 2).</p>	<p><i>I composed $\frac{6}{4}$ by iterating the unit fraction $\frac{1}{4}$ six times.</i></p>

Fraction	Number Line	Sentence Frame
$\frac{5}{4}$		<i>I composed _____ by iterating the unit fraction $\frac{1}{4}$ _____ times.</i>
	 <p>A number line is shown from 0 to 2. Major tick marks are at 0, 1, and 2. There are 5 smaller tick marks between each major tick mark, dividing each unit into 6 equal parts. A blue arrow points upwards to the 9th tick mark after 0, which represents the fraction 9/6.</p>	<i>I composed _____ by iterating the unit fraction $\frac{1}{6}$ _____ times.</i>
		<i>I composed $\frac{9}{12}$ by iterating the unit fraction $\frac{1}{12}$ nine times.</i>
$1\frac{3}{5}$		<i>I composed _____ by iterating the unit fraction $\frac{1}{5}$ _____ times.</i>

Fraction	Number Line	Sentence Frame
$\frac{5}{4}$	 <p>A number line from 0 to 2 with major tick marks at 0, 1, and 2. There are 8 equal intervals between 0 and 2, each representing $\frac{1}{4}$. The tick marks are labeled $\frac{0}{4}, \frac{1}{4}, \frac{2}{4}, \frac{3}{4}, \frac{4}{4}, \frac{5}{4}, \frac{6}{4}, \frac{7}{4}, \frac{8}{4}$. The tick mark for $\frac{5}{4}$ is circled in red.</p>	<p>I composed $\frac{5}{4}$ by iterating the unit fraction $\frac{1}{4}$ five times.</p>
$1\frac{2}{6}$	 <p>A number line from 0 to 2 with major tick marks at 0, 1, and 2. There are 12 equal intervals between 0 and 2, each representing $\frac{1}{6}$. The tick marks are labeled $\frac{0}{6}, \frac{1}{6}, \frac{2}{6}, \frac{3}{6}, \frac{4}{6}, \frac{5}{6}, \frac{6}{6}, \frac{7}{6}, \frac{8}{6}, \frac{9}{6}, \frac{10}{6}, \frac{11}{6}, \frac{12}{6}$. The tick mark for $1\frac{2}{6}$ (labeled $\frac{8}{6}$) is circled in red.</p>	<p>I composed $1\frac{2}{6}$ by iterating the unit fraction $\frac{1}{6}$ eight times.</p>
$\frac{9}{12}$	 <p>A number line from 0 to 1 with major tick marks at 0 and 1. There are 12 equal intervals between 0 and 1, each representing $\frac{1}{12}$. The tick marks are labeled $\frac{0}{12}, \frac{1}{12}, \frac{2}{12}, \frac{3}{12}, \frac{4}{12}, \frac{5}{12}, \frac{6}{12}, \frac{7}{12}, \frac{8}{12}, \frac{9}{12}, \frac{10}{12}, \frac{11}{12}, \frac{12}{12}$. The tick mark for $\frac{9}{12}$ is circled in red.</p>	<p>I composed $\frac{9}{12}$ by iterating the unit fraction $\frac{1}{12}$ nine times.</p>
$1\frac{3}{5}$	 <p>A number line from 0 to 2 with major tick marks at 0, 1, and 2. There are 10 equal intervals between 0 and 2, each representing $\frac{1}{5}$. The tick marks are labeled $\frac{0}{5}, \frac{1}{5}, \frac{2}{5}, \frac{3}{5}, \frac{4}{5}, \frac{5}{5}, \frac{6}{5}, \frac{7}{5}, \frac{8}{5}, \frac{9}{5}, \frac{10}{5}$. The tick mark for $1\frac{3}{5}$ (labeled $\frac{8}{5}$) is circled in red.</p>	<p>I composed $1\frac{3}{5}$ by iterating the unit fraction $\frac{1}{5}$ eight times.</p>