

Grade 5: Decimal Concepts

DMTI VARIED PRACTICE

DMTI Varied Practice Worksheets

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

1. If using a journal, have children present the worksheet and complete all the problems.
2. Or print the 'Varied Practice Worksheet Slide' for them to work on. Then, you can return to the PowerPoint to look at the keys to check their work.

Grade 5: Decimal Concepts

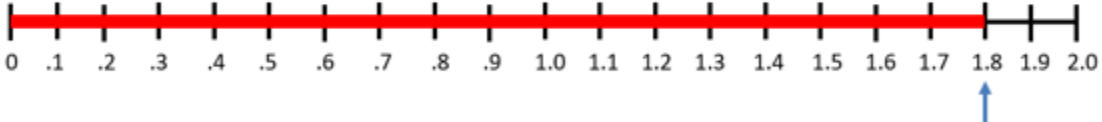
Materials Needed

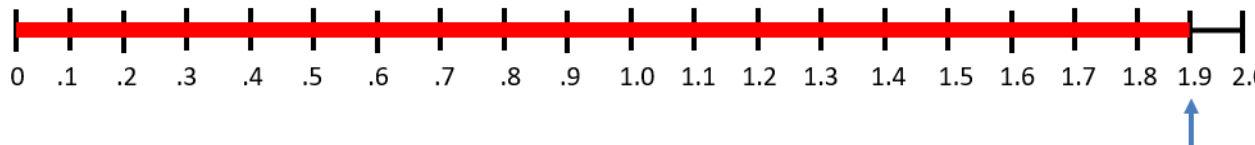
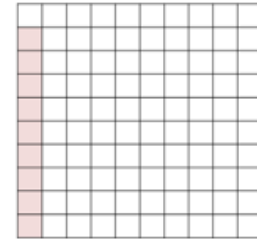
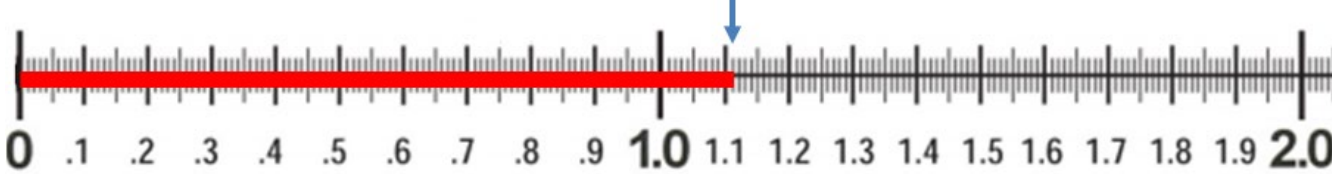
Printed copies of the Decimal Concepts worksheet

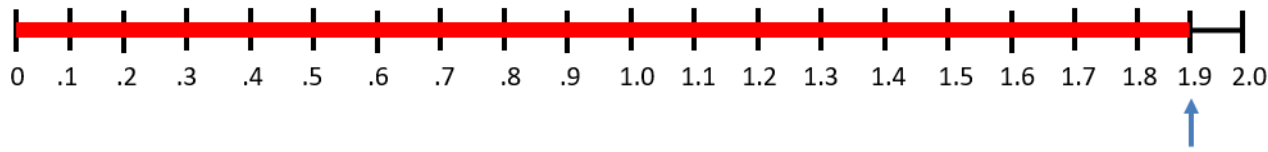
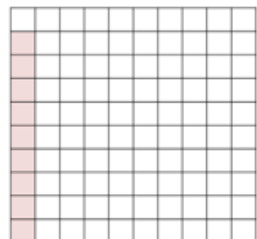
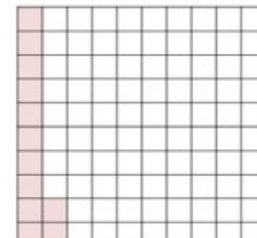
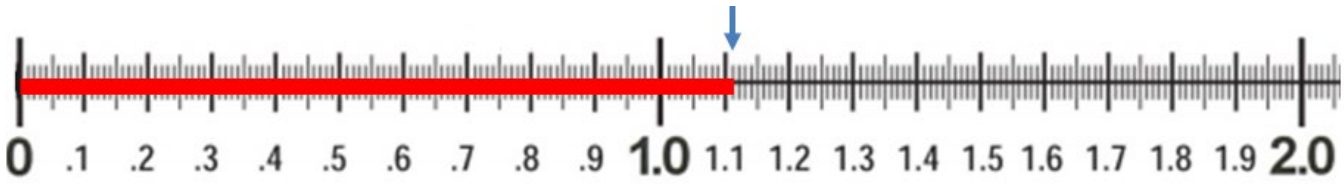
Instructions

1. You will be given a number, a model, or a completed sentence frame.
2. Complete the missing two parts you were not provided. For the models you may use bar models, number lines, or area place value models.

Example:

Number	Model	Sentence Frame
1.8		<i>I composed 1.8 with 18 units of one-tenth or 1 unit of one and 8 units of one-tenth.</i>

Number	Model	Sentence Frame
		<p>I composed _____ with _____ units of one-tenth or 1 unit of one and _____ units of _____.</p>
	 <p>The entire square represents one whole unit of 1.</p>	<p>I composed _____ with _____ units of one-hundredth.</p>
<p>0.12</p>	<p>Models may vary. Number lines and bar models are also acceptable.</p>	<p>I composed .12 with _____ units of one-hundredth or ____ unit of one-tenth and _____ units of one-hundredth.</p>
		<p>I composed _____ with 1 unit of _____, _____ unit of one-tenth, and 1 unit of one-hundredth. <i>(answers may also be other combinations of place value units such as 111 hundredths)</i></p>

Number	Model	Sentence Frame
1.9		<p><i>I composed 1.9 with 19 units of one-tenth or 1 unit of one and 9 units of one-tenth.</i></p>
.09	 <p><i>The entire square represents one whole unit of 1.</i></p>	<p><i>I composed 0.09 with 9 units of one-hundredth.</i></p>
0.12	 <p><i>Models may vary. Number lines and bar models are also acceptable.</i></p>	<p><i>I composed .12 with 12 units of one-hundredth or 1 unit of one-tenth and 2 units of one-hundredth.</i></p>
1.11		<p><i>I composed 1.11 with 1 unit of one, 1 unit of one-tenth, and 1 unit of one-hundredth.</i></p> <p><i>(answers may also be other combinations of place value units such as 111 hundredths)</i></p>