



## Accelerate Math Grade 7 Illustrative

The resources linked below are built as proactive support to upcoming classroom content in order to ensure students' readiness for grade level mathematics. Each grade level document includes correlations to in-class lessons, links to resources including a google slide presentation for each tutoring session, links to [virtual manipulatives](#) and [Desmos](#) activities when available. Sessions were designed for virtual instruction, but teachers should adjust to the mode of delivery, technology and resources available to them. Elements of the presentation can be written on paper and shown to students through a document camera, imported into other presentation software, or used with students physically present in class.

To prepare for sessions, tutors will:

- Read the "Tutor's preparation slide."
- Study the Google Slides presentation.
- Follow the "Speaker Notes" in the Google Slide Presentation.

Accelerate Math Resources are developing and will be posted through the end of 2021. Please provide suggestions for improvement by filling out the [Accelerate Math feedback](#) form.



Grade 7 - Illustrative Math

Session Accelerates to these Grade-Level Lessons	Session Focus Topic:	Connected Grade-Level Standards.	Source Content and Foundational Standards	Resources
<a href="#">Unit 4, Lesson 1-4</a>	<p>Connect benchmark fractions with equivalent percent values</p> <p>Choose and create visual models to solve problems involving percents</p>	7.RP.A.1, 7.RP.A.2	<p>Grade 6, Unit 3 Lessons 13 &amp; 14</p> <p>6.RP.A.3c</p>	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 4, Lesson 5-8</a>	<p>Multiply decimals using strategies</p> <p>Use long division to find quotients that are not whole</p>	7.RP.A.2, 7.RP.A.3, 7.NS.A.2.d	<p>Grade 6, Unit 5 Lessons 8 &amp; 11</p> <p>6.NS.B.3, 6.NS.B.2</p>	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 4, Lesson 9-12</a>	<p>Solve word problems involving percents</p>	7.RP.A.3	<p>Grade 6, Unit 3 Lessons 15 &amp; 16</p> <p>Grade 7, Unit 4, Pre-Unit Diagnostics (Check Your Readiness)</p> <p>6.RP.A.3</p>	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>



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<a href="#">Unit 4, Lesson 13-15</a>	Perform all four operations on decimal numbers to solve problems.	7.RP.A.3	Grade 6, Unit 5, Lesson 14 6.NS.B.2, 6.NS.B.3	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 5, Lessons 1-4</a>	Interpret and use positive and negative rational numbers in different contexts	7.NS.A.1a-d, 7.NS.A.2.d	Grade 6, Unit 7, Lessons 1, 3, 4, & 5  6.NS.C.5, 6.NS.C.6	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 5, Lessons 5-8</a>	Subtracting rational numbers, Solving problems with positive and negative numbers	7.NS.A.1, 7.NS.A.1.c, 7.NS.A.2a	Grade 6, Unit 7, Lesson 7 Coherence Map Tasks and Items (7.NS.A.1, 6.NS.C.5)  6.NS.C.7.c, 6.NS.C.7.d	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 5, Lessons 9-12</a>	Multiplying and Dividing rational numbers	7.NS.A.2.a, 7.NS.A.2.c, 7.RP.A.1	Grade 7, Unit 5  Extra Practice with 7.NS.A.2	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 5, Lessons 13-16</a>	Expressions with rational numbers and solving problems	7.NS.A.3, 7.RP.A.2, 7.EE.B.4a	Grade 6, Unit 6, Lesson 6 Grade 7, Unit 5, Lesson 15 (Modified)  6.EE.A.2a, 6.EE.A.2c, 6.EE.B.6,	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>



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<a href="#">Unit 6, Lessons 1-6</a>	Reasoning about equations and tape diagrams	7.EE.B.4, 7.EE.B.4.a, 7.EE.B.3	6.EE.B.5-7, 6.EE.A.2-4	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 6, Lessons 7-12</a>	Using equations to solve problems	7.EE.B.4.a	Grade 6, Unit 6, Lesson 3 Grade 7, Unit 6, Lessons 7-8 6.EE.B.7, 7.EE.B.4.a	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 7, Lessons 1-5</a>	Angle Relationships	7.G.B.5	Grade 4, Unit 7, Lesson 9 Grade 7, Unit 5, Lessons 1-5 7.G.B.5, 4.MD.C.5, 4.MD.C.6	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 7, Lessons 6-10</a>	Drawing Polygons	7.G.A.2	Grade 6, Unit 1, Lesson 10 & 11 6.G.A.1	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 7, Lessons 11-16</a>	Solid Geometry	7.G.A.3, 7.G.B.6	Grade 5, Unit 1, Lesson 5-7 Grade 6, Unit 4, Lesson 15 5.MD.C.5, 6.G.A.2	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>





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<a href="#">Unit 8, Lessons 1-10</a>	Probability <i>*Due to LDOE's 7th grade achievement level descriptors classifying 7.SP.A-c as an additional and supporting standard, all of Unit 8 has been condensed to two weeks of Accelerate Lesson support.</i>	7.SP.C.5-8	Grade 6, Unit 8, Lessons 3 and 5 6.SP.A.1-5	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>
<a href="#">Unit 8, Lessons 11-19</a>	Sampling	7.SP.A.1-4	Grade 6, Unit 8, Lessons 6-8 6.SP.A.1-5	<ul style="list-style-type: none"> <li>• Whiteboard or paper</li> <li>• <a href="#">Printable Worksheet 1</a></li> <li>• <a href="#">Printable Worksheet 2</a></li> </ul>

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