

**Mathematics 9**  
**Unit 3: Rational Numbers**

**Text: Math Makes Sense 9**

**Chapter 3**

By the end of this unit, it is expected that students will:

Outcomes	Pages in textbook
<p><b>1. Demonstrate an understanding of rational numbers by comparing, ordering and solving problems involving arithmetic operations on rational numbers.</b></p> <ul style="list-style-type: none"> <li>&lt; Order a set of rational numbers in fraction and decimal form by placing them on a number line.</li> <li>&lt; Identify a rational number that is between two given rational numbers.</li> <li>&lt; Solve problems involving operations on rational numbers in fraction and decimal form.</li> </ul>	<ul style="list-style-type: none"> <li>&lt; Lesson 3.1 Pgs: 94 - 103</li> <li>&lt; Lesson 3.2 Pgs: 106 - 113</li> <li>&lt; Lesson 3.3 Pgs: 114 - 120</li> <li>&lt; Lesson 3.4 Pgs: 123 - 129</li> <li>&lt; Lesson 3.5 Pgs: 130 - 136</li> </ul>
<p><b>2. Explain and apply the order of operations, including exponents, with and without technology.</b></p> <ul style="list-style-type: none"> <li>&lt; Solve problems using the correct order of operations.</li> <li>&lt; Identify errors in applying the order of operations in a given incorrect solution.</li> </ul>	<ul style="list-style-type: none"> <li>&lt; Lesson 3.6 Pgs: 137 – 142</li> </ul>
<p><b>Review Exercises:</b></p> <ul style="list-style-type: none"> <li>&lt; Mid-Unit Review</li> <li>&lt; Unit Review</li> <li>&lt; Practice Test</li> </ul>	<ul style="list-style-type: none"> <li>&lt; Page 121</li> <li>&lt; Pgs 143 - 145</li> <li>&lt; Page 146</li> </ul>