



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 7TH COURSE NAME: ACCELERATED MATH  
MEASUREMENT TOPIC: CREATE EQUIVALENT EXPRESSIONS, EQUATIONS, AND  
INEQUALITIES TO SOLVE PROBLEMS**

<b>4</b>	<ul style="list-style-type: none"><li>• In addition to Score 3.0, make in-depth inferences and applications.</li></ul>
<b>3</b>	<ul style="list-style-type: none"><li>• Solve word problems leading to inequalities of the form <math>px + q &gt; r</math> or <math>px + q &lt; r</math>, where <math>p</math>, <math>q</math>, and <math>r</math> are specific rational numbers.<ul style="list-style-type: none"><li>• Graph the solution set of the inequality</li><li>• <b>Interpret the solution in the context of the problem.</b></li></ul></li><li>• Solve word problems leading to equations of the form <math>px + q = r</math> and <math>p(x+q) = r</math>, where <math>p</math>, <math>q</math>, and <math>r</math> are specific rational numbers.</li></ul>
<b>2</b>	<ul style="list-style-type: none"><li>• <b>Generate expressions in equivalent forms based on context and explain how the quantities are related.</b></li><li>• Add, subtract, factor, and expand linear expressions with rational coefficients.</li></ul>

**1**

With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

**Key Vocabulary:**