



Oxford City Schools

Proficiency Scale

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**GRADE LEVEL: 7TH COURSE NAME: ACCELERATED MATH
MEASUREMENT TOPIC: PERFORM THE FOUR OPERATIONS ON RATIONAL
NUMBERS**

4	<ul style="list-style-type: none">• In addition to Score 3.0, make in-depth inferences and applications.
3	<ul style="list-style-type: none">• Solve real-world problems involving the four operations of rational numbers, including complex fractions.• Convert a rational number to a decimal using long division, explaining that the decimal form of a rational number terminates or eventually repeats.
2	<ul style="list-style-type: none">• Divide rationals, explaining that division by zero is undefined.• Multiply signed numbers.• Interpret the sum and difference of two or more rational numbers by:<ul style="list-style-type: none">• Using a number line.• Converting the subtraction of rational numbers to addition problems using additive inverses.• Interpreting the distance between two rational numbers on a number line.• Identify and explain additive inverses.

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

Key Vocabulary: