



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 4      COURSE NAME: Math**

**MEASUREMENT TOPIC: Solve Multi-Step Word Problems Involving the 4 Operations**

**4**

- In addition to Score 3, the student makes in-depth inferences and applications.
- Evaluate and justify an equation written to solve a multi-step word problem.

**3**

- Determine and justify solutions for multi-step word problems, involving all four operations on whole numbers including problems where remainders must be interpreted.
- Write an equation to show solutions for multi-step word problems with a letter standing for the unknown quantity.
- Determine reasonableness of answers using mental computation and estimation strategies including rounding

**2**

- Determine and justify solutions for two-step word problems, involving all four operations on whole numbers.
  - Identify an equation using a letter for an unknown quantity.

**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:** sum, difference, product, quotient, equation, remainders, reasonableness, unknown, operation, multi-step problem, quantity, rounding, mental strategy, estimation, interpreting the remainder