



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 7TH COURSE NAME: MATH**

**MEASUREMENT TOPIC: USE PROPORTIONAL RELATIONSHIPS TO SOLVE PROBLEMS**

**4**

- In addition to Score 3.0, make in-depth inferences and applications.

**3**

- Use proportional reasoning to solve multi-step percent problems including:
  - tax
  - gratuities
  - commissions
  - fees
- Use the formula for simple interest to calculate principal, interest rate, time, and simple interest.

**2**

- Solve problems involving percent change and percent error.
- Calculate percentages.

**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:**