



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 10      COURSE NAME: Algebra I w/Probability**  
**MEASUREMENT TOPIC: Factor and Solve Quadratic Equations**

**4**

In addition to Score 3, the student makes in-depth inferences and applications.

**3**

The student will:

- Solve quadratics by factoring trinomials when  $a = 1$ .
- Solve using the quadratic formula and recognize that solutions may not be real.

**2**

The student will:

- Factor trinomials when  $a = 1$
- Evaluate Polynomial Operations
  - Add
  - Subtract
  - Multiply

**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:**