



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 8 COURSE NAME: MATH
MEASUREMENT TOPIC: APPLY THE PYTHAGOREAN THEOREM TO SOLVE REAL-WORLD PROBLEMS

4

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

3

- **Apply the Pythagorean Theorem in order to solve real-world problems.**
- Use the Pythagorean Theorem to determine the unknown side lengths of right triangles.
- Use the Pythagorean Theorem to find the distance between two points in a coordinate plane.

2

- Use the Pythagorean Theorem to determine if a triangle is a right triangle.

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: