

## Grade 3 Mathematics ISAT Proficiency Level Descriptors

### Advanced

In the area of mathematics, third grade students typically performing at the Advanced level consistently demonstrate a **thorough understanding** of grade-level skills. These students

- demonstrate an excellent understanding of place value, the numeration system, and money.
- perform challenging calculations.
- demonstrate a thorough understanding of measurement concepts and estimation.
- demonstrate an advanced understanding of length and time.
- translate complex number sentences and expressions to show mathematical relationships.
- solve challenging grade-level equations.
- identify and extend advanced patterns involving addition.
- identify multiple lines of symmetry.
- demonstrate an excellent understanding of locating points on a number line.
- read and interpret challenging data displays.

### Proficient

In the area of mathematics, third grade students typically performing at the Proficient level demonstrate a **general understanding** of grade-level skills. These students

- demonstrate an understanding of place value, the numeration system, and money.
- perform grade-level calculations.
- demonstrate an understanding of measurement concepts and estimation.
- identify relationships of length and time.
- translate number sentences and expressions to show mathematical relationships.
- solve grade-level equations.
- identify and extend patterns involving addition.
- identify lines of symmetry.
- locate points on a number line.
- read and interpret tables, bar graphs, and charts.

## **Basic**

In the area of mathematics, third grade students typically performing at the Basic level demonstrate a **limited understanding** of grade-level skills. These students

- demonstrate a limited understanding of place value, the numeration system, and money.
- perform some basic calculations.
- demonstrate a narrow understanding of measurement concepts and estimation.
- demonstrate limited understanding of length and time.
- translate simple number sentences and expressions.
- solve basic equations.
- extend simple patterns involving addition.
- demonstrate a limited understanding of lines of symmetry.
- demonstrate a limited understanding of number lines.
- recognize tables, bar graphs, and charts.