

## Student Achievement Norms

Pearson Review of Progress and Learning (PRoPL) for the 2023-2024 academic year can be used to compare student performance within the same grade and subject at a comparable stage of the school year and across test events within the school year. This information is intended to:

- Help teachers plan instruction for students and/or educate parents during conferences.
- Provide school and district administrators a basis for resource allocations.
- Implement paraprofessionals to target student supports.

The norms in the tables below represent the average scores observed across PRoPL districts testing in the 2023 fall administration.

### Example

In the table below, you can interpret third grade Math norms as follows:

- The observed average third grade math score was **507.4**.
- The standard deviation was **52.8**.
- This distribution represents a normal distribution meaning that 68 percent of third grade students scored between 454.6 and 560.2 (507.4-52.8 , 507.4+ 52.8).

Fall 2023 Administration			
Subject	Grade	Average Scale Score	Standard Deviation
Math	Kindergarten	144.7	11.0
	1	254.3	13.4
	2	251.1	12.4
	3	507.4	52.8
	4	558.7	53.6
	5	599.0	54.7
	6	601.2	48.5
	7	615.6	47.4
	8	626.7	44.8
Reading	Kindergarten	139.5	9.5
	1	249.9	15.1
	2	242.2	13.9
	3	522.1	50.6
	4	562.3	58.7
	5	604.9	55.4
	6	623.8	55.8
	7	649.3	55.9
	8	671.7	55.9

## High School

High school courses did not have a scale score for Interim 1. The table below illustrates the observed average percent correct across all students taking these tests in the fall of 2023. These values have a similar interpretation as the previous table.

### Example

In the table below, you can interpret that the average percent correct in Algebra 1—**26.4**—falls within the range of 12.3 and 40.5 percent correct.

A lower average percent correct in high school can be attributed to students only beginning to learn high school level content. This is especially true for Algebra 1 and Geometry courses, as the content can seem quite different than that of previous mathematics courses. High school Reading content is more similar to that of previous grades, as reflected in the observed average percent correct. These scores serve as a baseline for measuring learning and growth during the year as students have the opportunity to learn new material.

Fall 2023 Administration		
Subject	Average Percent Correct	Standard deviation
Algebra 1	26.4	14.1
Algebra 2	33.0	12.1
Geometry	22.5	9.8
Reading	52.6	18.9

