DIAGNOSTIC PRE-ASSESSMENT A

Use this Diagnostic Pre-Assessment to identify students who require intervention in this area:

Operations & Algebraic Thinking

Standards Plus®

COMMON CORE
INTERVENTION

Grade 4 A

After analyzing the pre-assessment data, you can implement your intervention program with our ready-to-teach Standards Plus Common Core Intervention Materials.

MATHEMATICS GRADE 4

Diagnostic Pre-Assessment

Administering the Diagnostic Pre-Assessment:

- Determine if all or a subgroup of your students will be assessed.

- Print the appropriate number of student assessments.

- Distribute the assessments and review the directions with the students.

- Have students complete the assessment independently.

- Collect and score the assessments.

- Students who perform at 75% or lower will benefit from intervention instruction for the topic.

See the next page for the Diagnostic Pre-Assessment procedure and answer key.

Procedure: Each intervention assessment is designed to be completed independently by the students. Read the directions aloud, and ensure that students understand how to mark their answer choices. Collect the assessments and use the answer key to correct.

Domain: Number & Operations in Base Ten   Focus: Whole Numbers   **Pre-Assessment:** #A1

Answers:

1. 30,000 or 3 ten thousands
2. 71,258
3. 463,907
4. B
5. 30, 32, 34
6. 14,290
7. Answers may vary; possible answer: I looked at the number in the ones place. It is a six. Since six is greater than five, I round up to 14,290 instead of down to 14,280.

Domain: Number & Operations in Base Ten   Focus: Operations with Whole Numbers   **Pre-Assessment:** #A2

Answers:

1. 672
2. 6,112
3. 48, 21, 45, 40
4. 3, 7, 5, 7
5. 49
6. 84 R 1; quotient is 84 R 1; divisor is 3; dividend is 253.
7. Answers may vary; possible answer: Multiplication and division are inverse or opposite operations. They form fact families: $6 \times 7 = 42$; $7 \times 6 = 42$; $42 \div 6 = 7$; $42 \div 7 = 6$.

See the next two pages for the Diagnostic Pre-Assessments.

Name:

Pre-Assessment A1

Directions: Read each problem carefully and write your answers on the lines provided for you.

1. What **place value** does the underlined digit represent in the number below?

    2<u>3</u>1,976   _____

2. What number can also be written as **70,000 + 1,000 + 200 + 50 + 8**?

    _____

3. What is the number that goes with this word name?

    Four hundred sixty-three thousand, nine hundred seven
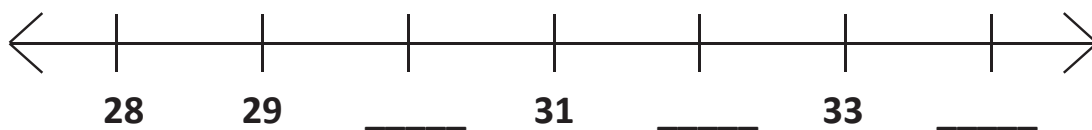
    _____

4. Which of the following is true?

    Ⓐ 935 > 953   Ⓑ 502 > 499
    Ⓒ 341 = 143   Ⓓ 18 < 18

5. Write in the missing numbers on the blanks on the number line below.

    28   29   _____   31   _____   33   _____

6. What is 14,286 rounded to the nearest ten? _____

7. Explain the process you used to round 14,286 to the nearest ten.

    _____

    _____

    _____

Name:

Directions: Solve each problem.

1. $$543 \atop +129$$	2. $$9,405 \atop -\ 3,293$$
3. $6 \times 8 =$ $3 \times 7 =$ $5 \times 9 =$ $4 \times 10 =$	4. $24 \div 8 =$ $63 \div 9 =$ $35 \div 7 =$ $42 \div 6 =$
5. $$6\overline{)294}$$	6. Solve and label the divisor, dividend, and quotient in problem. _____➡ ____ _____➡ $3\overline{)253}$ ⬅_____

7. How are multiplication and division related?

_____

_____

_____

Once you have the results of the Diagnostic Pre-Assessment, providing targeted intervention instruction is easy with Standards Plus Common Core Intervention. Simply teach the topic(s) that meet your students' needs. Each topic includes scaffolded, ready-to-teach, scripted, direct instruction lessons, performance tasks, and post-assessments.

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More About Standards Plus Common Core Intervention

What is Standards Plus CC Intervention?
Standards Plus CC Intervention is a set of research-based, scaffolded 1-8 language arts and math lessons written to the Common Core Standards. These explicit, direct instruction lessons were designed to build the essential prerequisite elements of the grade level standards.
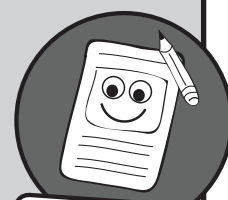
Benefits:
- Ready-to-teach lessons and performance tasks with very little teacher preparation.
- Instruction is scaffolded and provides exposure to the standards at DOK levels 1-3.
- Grade level content vocabulary is taught within the context of the lessons.
- Prepares students for grade level success.
- Ideal for:
  - Small group instruction
  - After school programs
  - Special Ed. settings to meet IEP goals
  - Summer school programs

Standards Plus Common Core Intervention Instructional Components
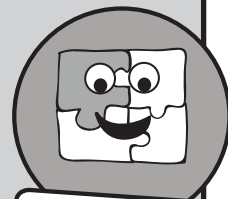
**Step-by-Step
Direct Instruction Lessons:**
These ready-to-teach lessons are organized by topic to develop prerequisite skills and concepts while scaffolding to grade-level appropriate activities. These lessons are written to DOK levels 1 and 2.

Step-by-Step Lessons
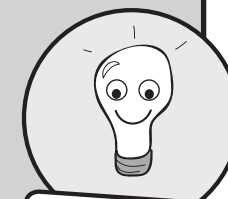
Performance Tasks:
Within each topic, students have the opportunity to participate in a Performance Task to apply what they have learned in a unique setting and cement their learning. These lessons are written to DOK levels 1 and 2.

Performance Tasks

Post-Assessments:
Parallel to the Diagnostic Pre-Assessments, these assessments provide data directly related to the instruction provided.

**Post-Assessments
(Parallel to Diagnostic)**

Standards Plus®
COMMON CORE INTERVENTION

Grade	ELA Topic A	ELA Topic B	ELA Topic C	ELA Topic D
1	Reading Literature and Writing	Reading Informational Text	Reading Foundational Skills, Capitalization, and Punctuation	Spelling, Grammar & Usage, and Vocabulary
2	Reading Literature and Writing	Reading Informational Text	Reading Foundational Skills, Capitalization, Punctuation, and Spelling	Grammar & Usage and Vocabulary
3	Reading Literature and Writing	Reading Informational Text	Capitalization, Punctuation, and Spelling	Grammar & Usage and Vocabulary
4	Reading Literature and Writing	Reading Informational Text	Capitalization, Punctuation, and Spelling	Grammar & Usage and Vocabulary
5	Reading Literature and Writing	Reading Informational Text	Capitalization, Punctuation, and Spelling	Grammar & Usage and Vocabulary
6	Reading Literature and Writing	Reading Informational Text	Capitalization, Punctuation, and Spelling	Grammar & Usage and Vocabulary
7	Reading Literature and Writing	Reading Informational Text	Capitalization, Punctuation, and Spelling	Grammar & Usage and Vocabulary
8	Reading Literature and Writing	Reading Informational Text	Capitalization, Punctuation, Spelling, and Grammar & Usage	Vocabulary

Grade	Math Topic A	Math Topic B	Math Topic C	Math Topic D
1	Operations & Algebraic Thinking	Number & Operations in Base Ten	Measurement & Data	Geometry
2	Operations & Algebraic Thinking	Number & Operations in Base Ten	Measurement & Data	Geometry
3	Operations & Algebraic Thinking	Number & Operations – Fractions	Number & Operations in Base Ten and Geometry	Measurement & Data
4	Operations & Algebraic Thinking	Number & Operations – Fractions	Number & Operations in Base Ten and Geometry	Measurement & Data
5	Number & Operations in Base Ten	Number & Operations – Fractions	Measurement & Data	Operations & Algebraic Thinking
6	The Number System	Ratios & Proportional Relationships	Expressions & Equations	Geometry and Statistics & Probability
7	Ratios & Proportional Relationships and The Number System	Expressions & Equations	Statistics & Probability	Geometry
8	The Number System and Expressions & Equations	Functions	Statistics & Probability	Geometry

To learn more, please contact 1.877.505.9152