DIAGNOSTIC PRE-ASSESSMENT D

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

Measurement & Data

Standards Plus®
COMMON CORE
INTERVENTION

Grade
4
D

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 and Answer Key

Standards Plus® – Common Core Intervention Mathematics – Grade 4

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: Measurement & Data	Focus: Measurement Units	**Pre-Assessment:** #D1

Answers:

1. 5 ½ inches; 14 centimeters
2. 3 inches; 8 centimeters
3. There are 4 hours in 240 minutes.
4. There are 720 minutes in 12 hours.
5. Six feet is 72 inches.
6. Eight feet is equal to 96 inches.

Domain: Measurement & Data	Focus: Perimeter & Area	**Pre-Assessment:** #D2

Answers:

1. 48 inches
2. 36 cm.
3. 75 m^2
4. 64 ft^2
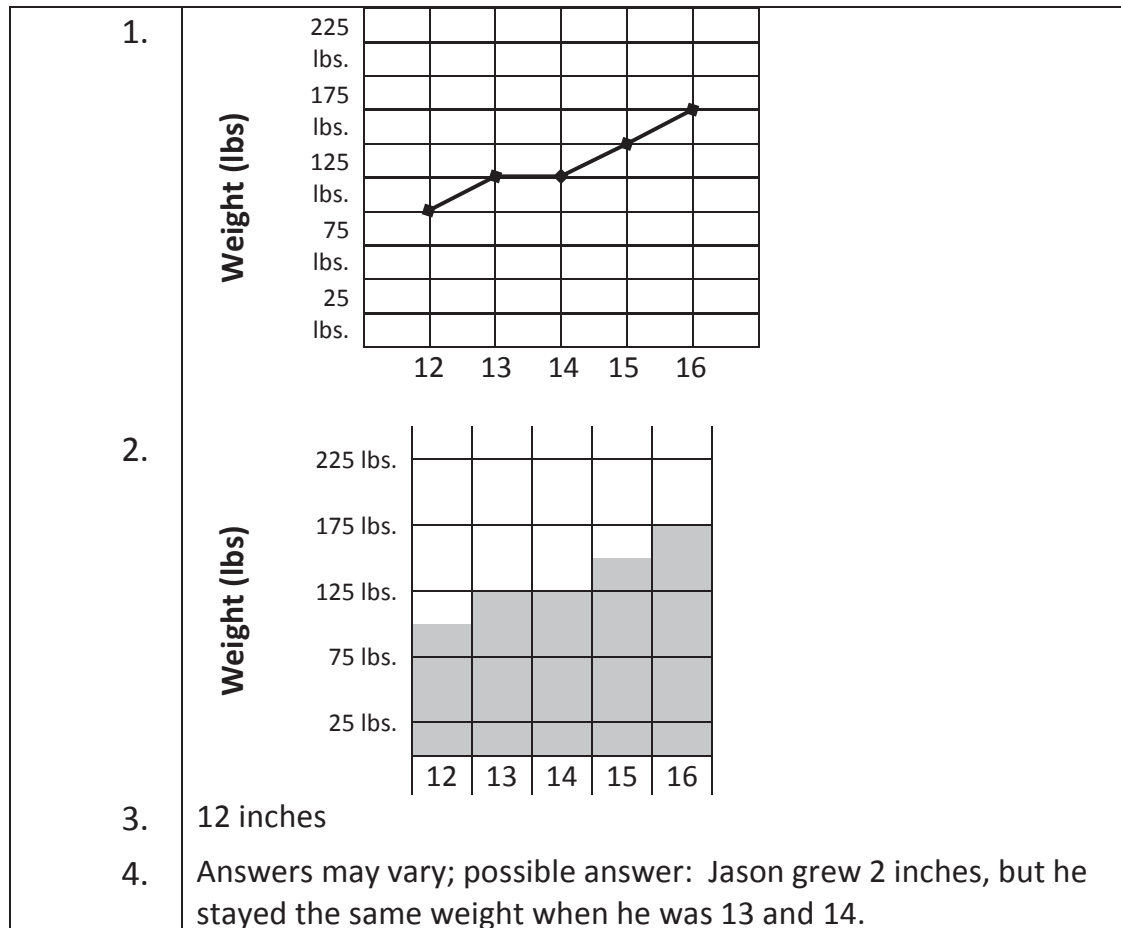5. To find the perimeter of a rectangle, you add the length of the sides.

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.

Strand: Measurement & Data   **Focus:** Data Displays   **Pre-Assessment:** #D3

Answers:

1.

2.

3. 12 inches

4. Answers may vary; possible answer: Jason grew 2 inches, but he stayed the same weight when he was 13 and 14.

Domain: Measurement & Data   Focus: Angles   **Pre-Assessment:** #D4

Answers:

1. Acute, right, acute
2. Acute, acute, acute
3. Acute, obtuse, acute
4. B
5. C
6. B
7. A

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

Name:

Directions: Measure each of the following using both an inch and a centimeter ruler. Round each measurement to the nearest half-inch and centimeter. Record the measurements on the lines provided for you.
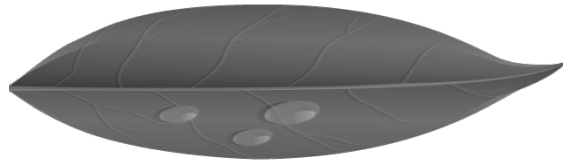
1.

_____ inches   _____ centimeters

2.

_____ inches   _____ centimeters

Directions: Answer each question with a complete sentence. Show your work in converting the measurements.

3. How many hours are 240 minutes?   4. How many minutes in 12 hours?
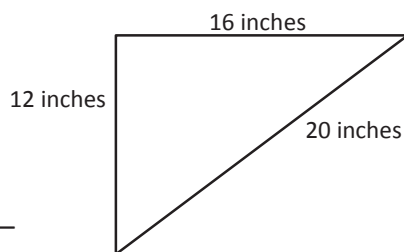
5. How many inches in six feet?   6. How many feet are 96 inches?

Pre-Assessment D2

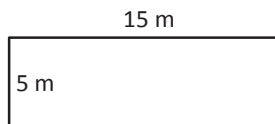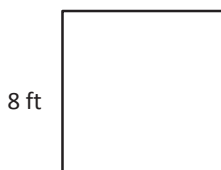**Directions:** Determine the perimeter of each figure. Write your answers on the lines.

1.

16 inches

12 inches

20 inches

_____

2.

9 cm.

_____

Directions: Determine the area of each figure. Write your answers on the lines.

3.

15 m

5 m

_____

4.

8 ft

_____

Directions: Answer the question on the lines.

5. How do you find the perimeter of a rectangle?
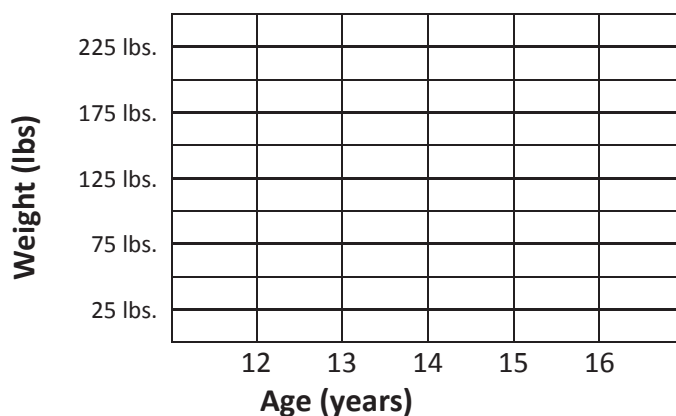
_____

_____

_____

_____

Pre-Assessment D3

Directions: Study the chart. Use the data in the chart to complete each item.

Jason's Height and Weight, Ages 12-16

Age	Height	Weight
12	59 in	100 lbs
13	63 in	125 lbs
14	65 in	125 lbs
15	68 in	150 lbs
16	71 in	175 lbs

1. Create a line graph showing the same information from the table above.

225 lbs.

175 lbs.

125 lbs.

75 lbs.

25 lbs.

Weight (lbs)

12   13   14   15   16

Age (years)

2. Create a bar graph showing the same information from the table above.

225 lbs.

175 lbs.

125 lbs.

75 lbs.

25 lbs.

Weight (lbs)

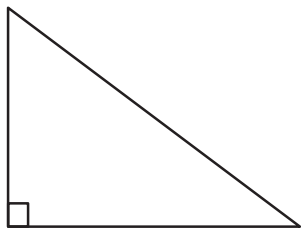12   13   14   15   16

Age (years)

3. How many inches did Jason grow during the years displayed in the chart? _____

4. What do you notice about Jason's height and weight when he was 13 and 14?

_____

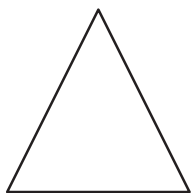_____

_____

Name:

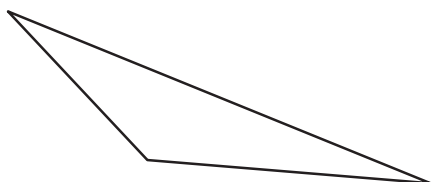**Directions:** Label the angles as acute, right, or obtuse in the triangles below.

1.

2.

3.

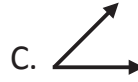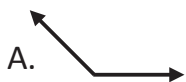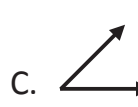**Directions:** Circle the angle that is complementary to the first angle.

4.   A.   B.   C.

5.   A.   B.   C.

Directions: Circle the angle that is supplementary to the first angle.

6.   A.   B.   C.

7.   A.   B.   C.

Standards Plus® Common Core Intervention
Diagnostic Pre-Assessment Results

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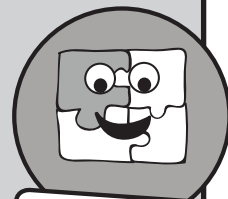
**Step-by-Step
Direct Instruction Lessons:**
These ready-to-teach lessons are organized by topic to develop prerequisite skills and concepts while scaffolding to grade-level appropriate activities. These lessons are written to DOK levels 1 and 2.

Step-by-Step Lessons

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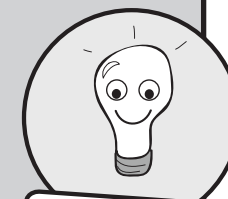Within each topic, students have the opportunity to participate in a Performance Task to apply what they have learned in a unique setting and cement their learning. These lessons are written to DOK levels 1 and 2.

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)

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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