

Grade 2 Math Unit 3 Pre Assessment

1. MGSE2.MD.1 (DOK 1)

Tyler is going to measure the length of a few items in his classroom using a measuring tape. List below 3 items for which he could use a measuring tape to measure the length of the items.

1.) _____

2.) _____

3.) _____

2. MGSE2.MD.1 (DOK 3)

a.) What is the best tool to use to measure the length of your classroom? Circle your answer below.

- ruler
- meter stick
- measuring tape

b.) Explain why the tool you chose above is the best tool to use.

3. MGSE2.MD.2 (DOK 2)

Which statement is true?

- A.** 2 centimeters is greater than 2 inches.
 - B.** 4 feet is greater than 4 meters.
 - C.** 5 feet is less than 5 centimeters.
 - D.** 6 centimeters is less than 6 feet.
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4. MGSE2.MD.2 (DOK 3)

Students in class measured the toy car below in inches and centimeters.



Record the measurements to the nearest inch and centimeter and explain why one unit results in a larger number than the other unit of measurement.

5. MGSE2.MD.3 (DOK 2)

Estimate the height and length of the table below in inches.



a.) The height is _____ inches.

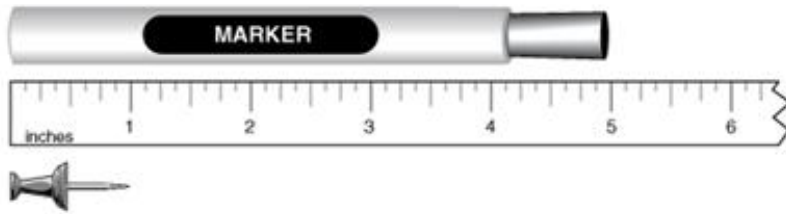
b.) The length is _____ inches.

6. MGSE2.MD.4 (DOK 2)

Measure each crayon using centimeters. Which crayon is longer and by how much?



7. MGSE2.MD.4 (DOK 2)



What is the difference in length between the marker and the pin?

- A. The marker is 5 inches; the pin is 1 inch. The difference is 6 inches.
 - B. The marker is 5 inches; the pin is 1 inch. The difference is 5 inches.
 - C. The marker is 5 inches; the pin is 1 inch. The difference is 4 inches.
 - D. The marker is 5 inches; the pin is 1 inch. The difference is 3 inches.
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8. MGSE2.MD.5 (DOK 2)

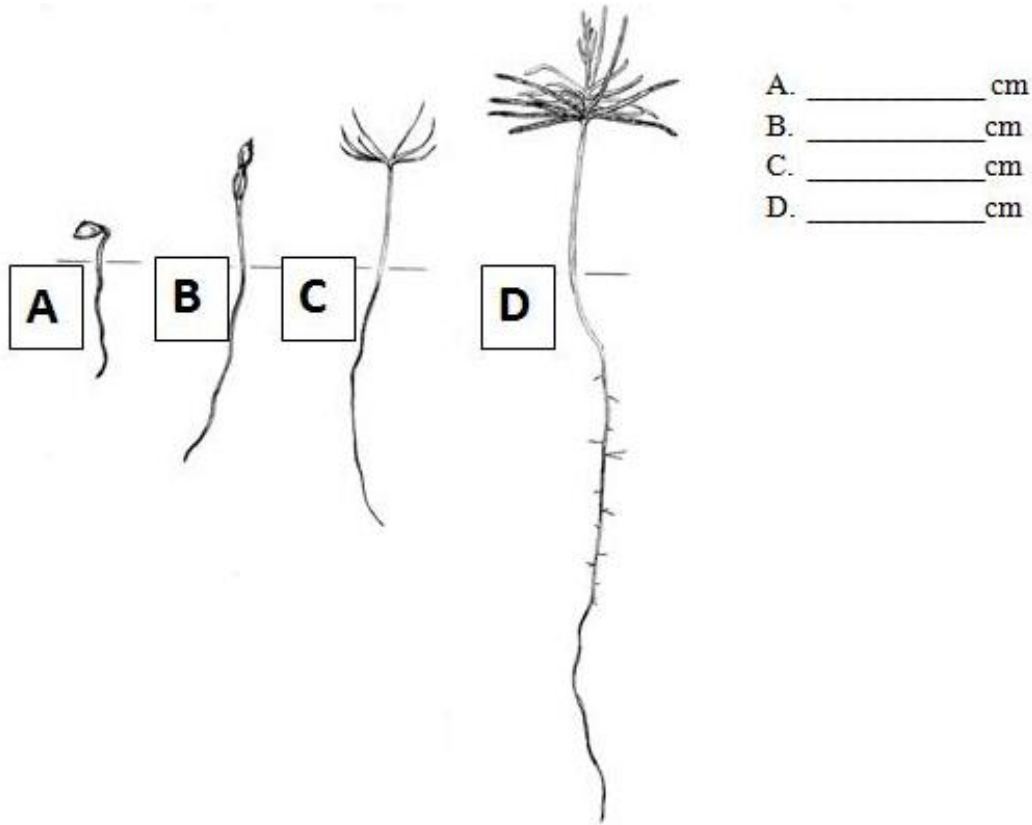
Mr. Rodriguez planted a bean seed in his classroom. In the first week, the bean plant grew 12 cm. The plant continued to grow. By the end of the second week, it was 25 cm. tall. Which equation below represents how to determine the number of centimeters the plant grew the second week?

- A. $12 + 25 = \square$
 - B. $12 - 25 = \square$
 - C. $12 + \square = 25$
 - D. $25 + \square = 12$
-

9. MGSE2.MD.5 (DOK 2)

Look at the seedling below. Each letter represents the seedling after a week of growth. The picture marked D is the seedling after 4 weeks of growth.

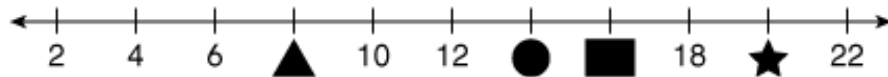
a.) Use a ruler to record the total length from the tip of the root to the top of the seedling for each letter.



b.) Now write a subtraction word problem using **at least** two of your measurements

10. MGSE2.MD.6 (DOK 1)

Sheila is creating the number line below. Now she wants to replace the symbols with the correct numbers. Which numbers should replace the **circle** and the **star**?



- A.** 8, then 16
 - B.** 14, then 20
 - C.** 16, then 20
 - D.** 17, then 19
-

11. MGSE2. MD.6 (DOK 2)

Draw a number line showing numbers 1 through 20. What is the difference between number 15 and number 5?



- A.** 5 units
 - B.** 10 units
 - C.** 15 units
 - D.** 20 units
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12. MGSE2.MD.7 (DOK 1)

"Good morning, Mary," Mom said. "You need to leave for school now."

Mary looked at the clock and it read:



What time does Mary leave for school? Be sure to label your time AM or PM.

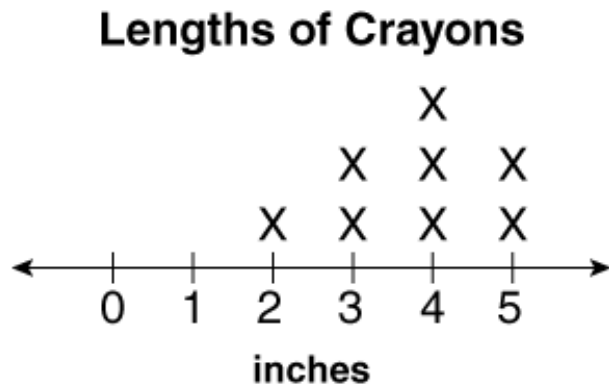
13. MGSE2.MD.7 (DOK 2)

We left for our class field trip to the zoo at 10 o'clock in the morning. We returned to school at 2 o'clock in the afternoon. Which of the following shows the correct time of day that the students LEFT and RETURNED from the field trip?

- A.** 10 AM, 2 AM
- B.** 10 AM, 2 PM
- C.** 10 PM, 2 AM
- D.** 10 PM, 2 PM

14. MGSE2.MD.9 (DOK 1)

How many crayons are 4 inches or longer?



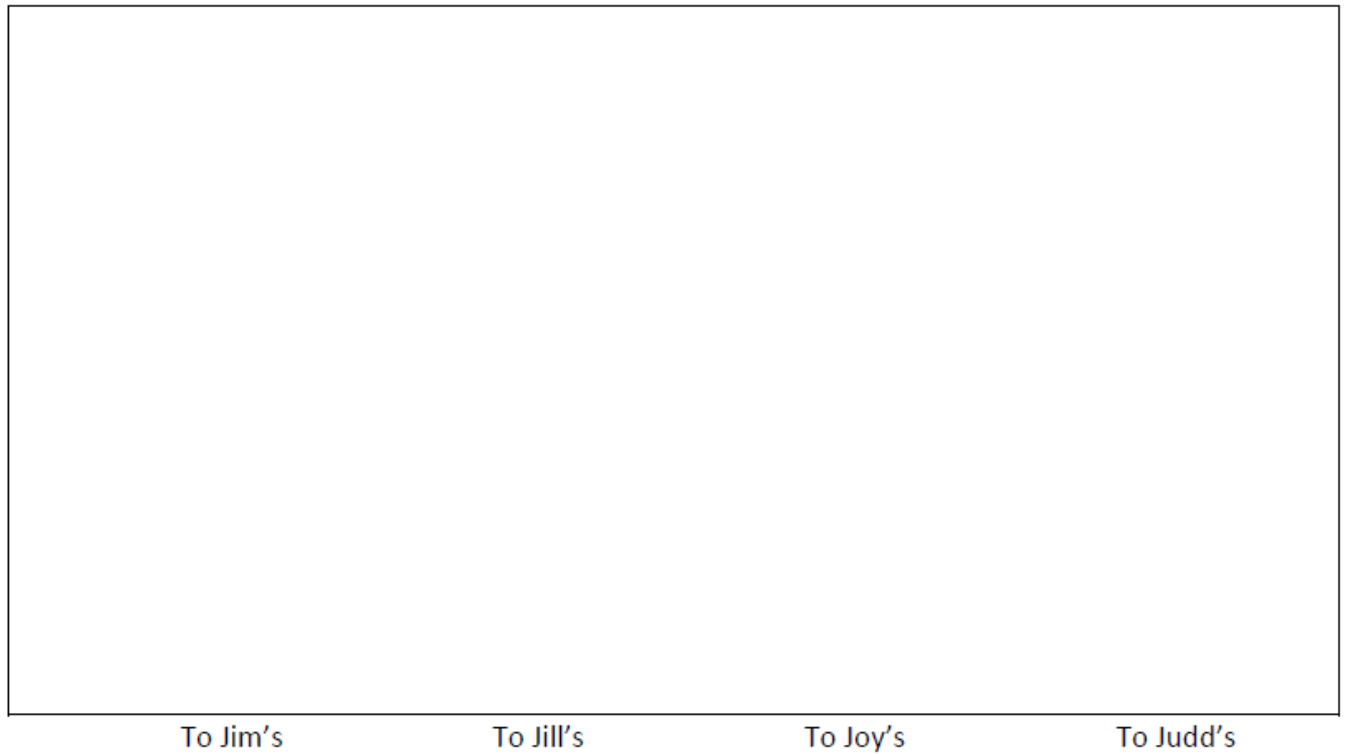
15. MGSE2.MD.10 (DOK 2)

Jose measured how many feet it took to get to his friends' houses. The measurements are listed below:

- To Jim's house 80 feet
- To Jill's house 55 feet
- To Joy's house 75 feet
- To Judd's house 70 feet

Draw a pictograph representing the distance from Jose's house to each of his friends' houses.

Use a circle to represent 5 feet.



How much further is Judd's house to Jose's house than Jill's house is to Jose's house?