

Grade 2 • Unit 3 Worksheet

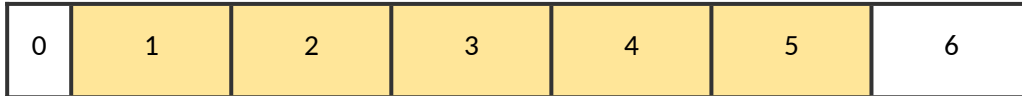
Measuring Length

Name: _____

Date: _____

Part A • Reading a Ruler

The pencil below is shown on a ruler.



1. What is the length of the pencil shown above? _____ inches
2. A crayon sits on a ruler. It starts at the 2-inch mark and ends at the 9-inch mark. How long is the crayon?

Answer: _____ inches

Explain how you figured it out.

Part B • Choosing a Unit

3. Which unit would you use to measure each object? Write cm, m, in, or ft. (More than one answer can be correct.)

- a. the length of a paperclip: _____
- b. the length of a soccer field: _____
- c. the height of a doorway: _____
- d. your pinky finger: _____
- e. the length of a school bus: _____

4. A teacher measured the same desk in two units. She found it was 5 feet long AND 60 inches long. How can the same desk be both? Explain.
-

Part C • Story Problems

5. Diego's snake is 47 centimeters long. Lin's snake is 28 centimeters longer than Diego's. How long is Lin's snake?

Show your work:

Answer: _____ cm

6. A piece of string is 100 cm long. Sara cuts off 35 cm and uses it. Then she cuts off another 22 cm. How much string is left?

Show your work:

Answer: _____ cm

Part D • Line Plot

7. These pencil lengths (in inches) were measured: 4, 5, 5, 6, 4, 7, 6, 5, 4, 6. Use the blank line plot below to show this data. Label your line plot.



What length came up the most? _____ inches

Part E • Thinking Deeply

8. Han measured his book and wrote: "my book is 10 inches long." His ruler shows the book starting at the 3-inch mark and ending at the 13-inch mark. Is Han correct? Explain.

9. Why do we measure a small object in inches but a large room in feet? What would happen if you measured a room in inches?

10. Estimate the length of your shoe in inches. Then measure it.

My estimate: _____ inches

My measurement: _____ inches

How close was your estimate? What helped you estimate well?
