Measuring Length: Inches, Feet, and Centimeters

Grade 2 • MATH • Estimating, comparing, and solving problems with lengths in inches, feet, and centimeters • Standards: 2.MD.A.3, 2.MD.B.5

Read each problem about length carefully. Write your answer with the correct unit (inches, feet, or centimeters).

1. Which unit would you use to measure a pencil: inches or feet?

2. Which unit would you use to measure a classroom: inches or feet?

3. A ribbon is 5 inches long. Another ribbon is 8 inches long. Which ribbon is longer?

4. Estimate the length of a new crayon. Is it closer to 3 inches or 3 feet?

5. A toy car is 12 centimeters long. A toy truck is 9 centimeters long. How much longer is the car than the truck?

6. Maya's book is 7 inches tall. Her notebook is 11 inches tall. What is the total height of both items?

7. A garden path is 15 feet long. Workers add 6 more feet to the path. How long is the path now?

8. A rope is 20 centimeters long. Jake cuts off 8 centimeters. How long is the rope now?

9. A table is 4 feet long. A rug is 9 feet long. If you place them end to end, what is the total length?

10. Emma has three pieces of yarn. One is 6 inches, one is 4 inches, and one is 5 inches. What is the total length of all three pieces?

Answer Key — Measuring Length: Inches, Feet, and Centimeters

For the teacher / parent. Do not distribute with the worksheet.

1. inches *(A pencil is small, so inches is the better unit.)*

2. feet *(A classroom is large, so feet is the better unit.)*

3. the 8 inch ribbon *(8 inches is more than 5 inches.)*

4. 3 inches *(A crayon is small, so 3 inches makes sense.)*

5. 3 centimeters *(12 - 9 = 3 centimeters)*

6. 18 inches *(7 + 11 = 18 inches)*

7. 21 feet *(15 + 6 = 21 feet)*

8. 12 centimeters *(20 - 8 = 12 centimeters)*

9. 13 feet *(4 + 9 = 13 feet)*

10. 15 inches *(6 + 4 + 5 = 15 inches)*