Lesson 8: Solve addition and subtraction word problems using the ruler as a number line.

1.

\[ \text{Line A is } \_\_\_\_\_ \text{ cm long.} \]

\[ \text{Line B is } \_\_\_\_\_ \text{ cm long.} \]

\[ \text{Together, Lines A and B measure } \_\_\_\_\_ \text{ cm.} \]

\[ \text{Line A is } \_\_\_\_\_ \text{ cm (longer/shorter) than Line B.} \]

2. A cricket jumped 5 centimeters forward and 9 centimeters back, and then stopped. If the cricket started at 23 on the ruler, where did the cricket stop? Show your work on the broken centimeter ruler.
3. Each of the parts of the path below is 4 length units. What is the total length of the path?

_______ length units

4. Ben took two different ways home from school to see which way was the quickest. All streets on Route A are the same length. All streets on Route B are the same length.

a. How many meters is Route A? _________ m

b. How many meters is Route B? _________ m

c. What is the difference between Route A and Route B? _________ m