LESSON MAKER PRO

Length Detectives

Solve and estimate lengths.

GRADE 2 · TEKS 2.9.E

2.9.E "determine a solution to a problem involving length, including estimating lengths;"

NAME _____ DATE _____

FIND THE LENGTH

Length tells how long something is. Subtract to find length left. Estimate by choosing a length that is close.

WORKED EXAMPLE

A jump rope is 18 inches long. Kim cuts off 6 inches. How many inches are left?

1. Start with 18 inches.
2. Subtract 6 inches: 18 - 6 = 12.

Answer: 12 inches

PRACTICE 4 problems

1 Ben's toy road is 14 inches long. His bridge is 3 inches shorter. How long is the bridge?

ANSWER _____

2 Ava has a 4-inch art strip. She adds a 5-inch strip. How long is the strip now?

ANSWER _____

3 Rico's paper chain is 13 inches long. He removes 2 inches. How long is it now?

ANSWER _____

4 A ladybug is tiny. Which is a better estimate for its length: 1 inch or 20 inches?

ANSWER _____

APPLY IT Show your work

1 Zoe has a 17-inch ribbon for her doll. She cuts off 8 inches. How much ribbon is left?

WORK SPACE

ANSWER _____

2 Kai needs a new pencil. A pencil is about 7 inches long. Which is a good estimate: 7 inches or 70 inches?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A robot is 19 inches tall. A doll is 10 inches tall. How much taller is the robot?

WORK SPACE AND ANSWER

ANSWER KEY

Length Detectives

GRADE 2 · TEKS 2.9.E

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Ben's toy road is 14 inches long. His bridge is 3 inches shorter. How long is the bridge?	**11 inches**
2	Ava has a 4-inch art strip. She adds a 5-inch strip. How long is the strip now?	**9 inches**
3	Rico's paper chain is 13 inches long. He removes 2 inches. How long is it now?	**11 inches**
4	A ladybug is tiny. Which is a better estimate for its length: 1 inch or 20 inches?	**1 inch**

PART 2 · APPLY IT

1. **9 inches** Subtract the cut piece from the whole ribbon. 17 - 8 = 9.
2. **7 inches** A pencil is only a little longer than a hand. 7 inches is a reasonable estimate.

CHALLENGE

9 inches

Accept answers with the unit written as inch or inches. For estimate items, accept only the reasonable choice given.