Grade 2 | MATHEMATICS

WEEK 9 • PRACTICE WORKBOOK • DAYS 41–45

Read the matching lesson in the Week 9 Student Textbook first. Write each answer on the line below its question. Day 45 is answered on your own.

Week 9 Student Textbook | Week 9 Practice Workbook | Week 9 Teacher Guide | Week 8 Student Textbook | Week 10 Student Textbook | Grade 2 index

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Day 41: Estimate Lengths

Estimate or measure

Object	Estimate	Measured
Shoe	8 inches	9 inches
Doorway height	2 meters	2 meters
Glue stick	15 centimeters	9 centimeters

1. For which object was the estimate exactly right?
   Answer:
2. How many inches off was the shoe estimate?
   Answer:
3. How many centimeters off was the glue stick estimate?
   Answer:
4. Which is a better estimate for a crayon: 8 centimeters or 8 meters?
   Answer:
5. Explain how knowing that a fingertip is about 1 centimeter wide helps you estimate.
   Answer:

Hands-on task: Estimate, then measure

1. Choose 3 objects.
2. Estimate each length first and write it down.
3. Measure each object.
4. Write how far each estimate was from the measurement.

My estimates and measurements:

Day 42: How Much Longer?

Snake models

Snake	Length
Green snake	23 centimeters
Yellow snake	17 centimeters
Brown snake	31 centimeters

1. How much longer is the green snake than the yellow snake?

   Answer:

2. How much longer is the brown snake than the green snake?

   Answer:

3. How much longer is the brown snake than the yellow snake?

   Answer:

4. Which two snakes have the smallest difference in length?

   Answer:

5. Lee measured one pencil in inches and another in centimeters, then subtracted. Explain why his answer will not make sense.

   Answer:

Day 43: Length Word Problems

1. A rope is 60 inches long. Dad cuts off 24 inches. How long is the rope now?

   Answer:

2. Ella's ribbon is 38 centimeters. Ava's ribbon is 19 centimeters longer than Ella's. How long is Ava's ribbon?

   Answer:

3. A fence has two parts. One part is 27 meters and the other part is 35 meters. How long is the fence?

   Answer:

4. A plant was 52 centimeters tall. Now it is 70 centimeters tall. How much did it grow?

   Answer:

5. Write an equation with a question mark for this problem, then solve it: A board is 85 inches long. After a piece is cut off, it is 49 inches long. How long was the piece? Explain your equation.

   Answer:

Day 44: Lengths on a Number Line

1. On a number line, start at 48 and jump forward 30. Where do you land?

   Answer:

2. Start at 75 and jump back 20, then back 4. Where do you land?

   Answer:

3. Use jumps on a number line to find 57 + 16.

   Answer:

4. Use jumps on a number line to find 90 - 35.

   Answer:

5. A snail crawled from 0 to 23 centimeters, then 18 centimeters more. Explain how a number line shows how far it went in all.

   Answer:

Day 45: Independent Check: Estimate, Compare and Solve

Answer on your own. An adult may read the questions aloud but should not give the answers.

1. Which is a better estimate for the length of a bed: 2 meters or 2 centimeters?

   Answer:

2. A hose is 50 feet long. A shorter hose is 32 feet long. How much longer is the first hose?

   Answer:

3. Max ran 45 meters, rested, then ran 37 more meters. How far did he run in all?

   Answer:

4. On a number line, start at 64 and jump back 30. Where do you land?

   Answer:

5. Ruby's string is 72 centimeters. She gives away 25 centimeters. Explain how you find how much string she has left, and give the answer.

   Answer:

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