Lesson 6: Compare Reptile Lengths in Story Problems

- Let's solve story problems about reptile lengths.

Warm-up: Number Talk: Fives and Tens

Find the value of each expression mentally.
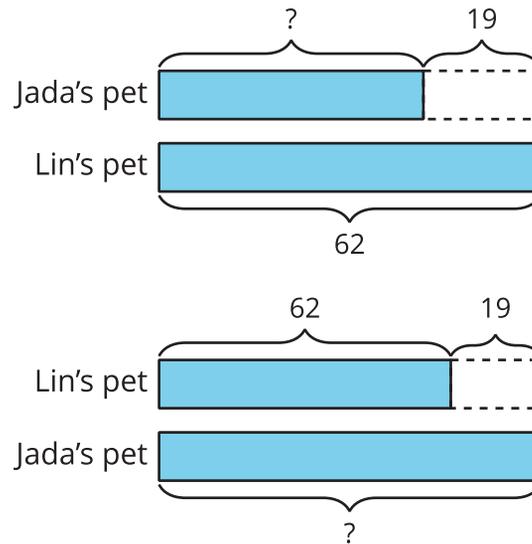
- $5 + 5$

- $15 + 5$

- $15 + 15$

- $15 + 25$

6.1: Whose Pet is Longer?

1. Lin's pet lizard is 62 cm long. It is 19 cm shorter than Jada's. How long is Jada's pet lizard?

   a. Whose pet is longer? _____

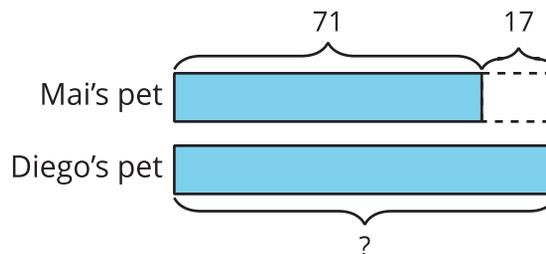   b. Circle the diagram that matches the story.
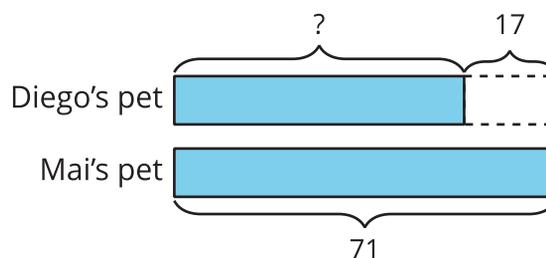

   c. Solve. Show your thinking.

   Jada's pet lizard is _____ cm long.

2. Diego and Mai have pet snakes. Mai's snake is 17 cm longer than Diego's. Mai's snake is 71 cm. How long is Diego's pet snake?

   a. Whose pet is shorter? _____
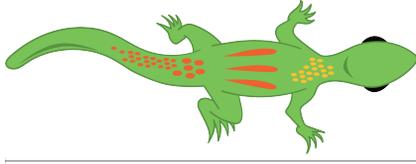
   b. Circle the diagram that matches the story.

   c. Solve. Show your thinking.

   Diego's pet snake is _____ cm long.

6.2: Guess My Reptiles

Partner A's reptiles

Partner B's reptiles

1. day gecko, 28 cm

1. ribbon snake, 83 cm

2. komodo dragon, 98 cm

2. gila monster, 55 cm

3. baby cobra, 46 cm

3. baby alligator, 71 cm

4. iguana, 65 cm

4. ringneck snake, 38 cm

1. Choose one reptile from your list and one reptile from your partner's list.

2. Fill in the blanks to create a story problem using the lengths of the reptiles you picked. Then share your sentences with your partner.
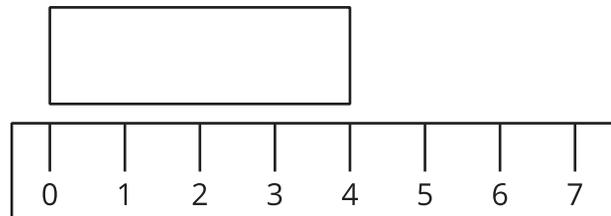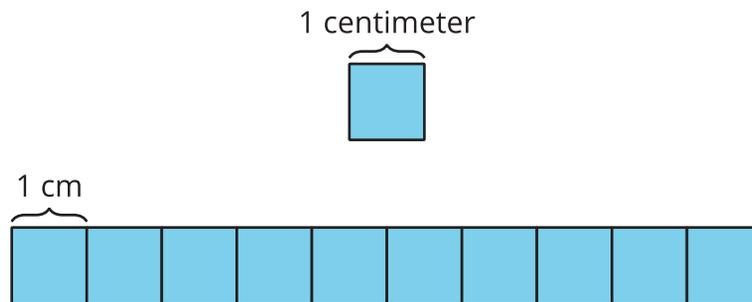
   My reptile is _____ cm long.

   It is _____ cm _____(shorter/longer) than one of your reptiles.

3. Which reptiles did your partner pick? Show your thinking.

Section Summary

Section Summary

In this section, we measured the length of objects using different length units. We learned that the **centimeter** is a standard length unit and we measured lengths in centimeters using base-ten blocks, rulers, and meter sticks. We learned that rulers represent length units using tick marks to show a length from zero.

1 centimeter

1 cm

We also learned that a meter is a length unit in the metric system that is longer than a centimeter. When measuring longer lengths, it is easier to use a meter stick. A meter has the same length as 100 centimeters.