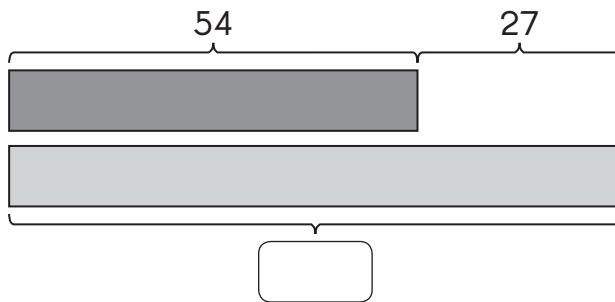
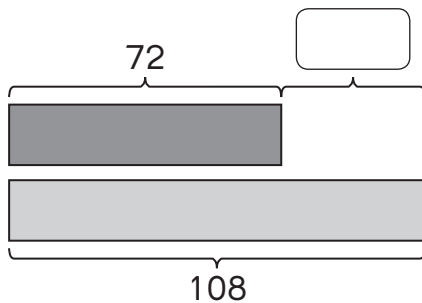


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**CHAPTER**  
**12****Real-World Problems:  
Measurement****Worksheet 1 Real-World Problems: One-Step Problems****Look at the model. Complete the number sentence.****Use the symbols  $+$ ,  $-$ ,  $\times$ , or  $\div$  to find the unknown value.****1.**

$$\boxed{\phantom{000}} \bigcirc \boxed{\phantom{000}} = \boxed{\phantom{000}}$$

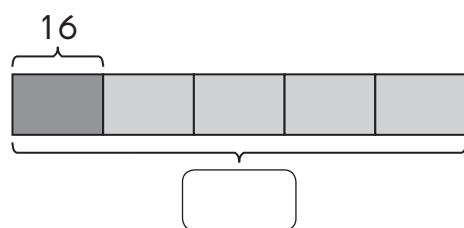
**2.**

$$\boxed{\phantom{000}} \bigcirc \boxed{\phantom{000}} = \boxed{\phantom{000}}$$

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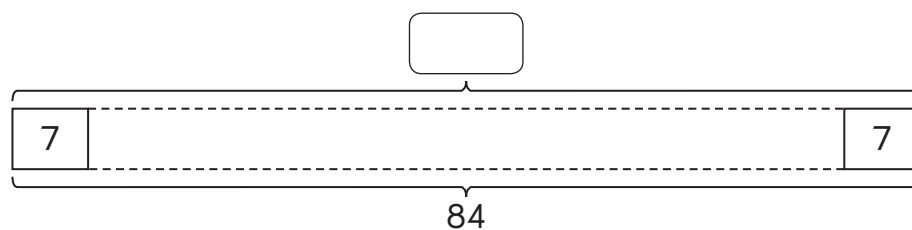
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3.



$$\boxed{\phantom{000}} \bigcirc \boxed{\phantom{000}} = \boxed{\phantom{000}}$$

4.



$$\boxed{\phantom{000}} \bigcirc \boxed{\phantom{000}} = \boxed{\phantom{000}}$$

Name: \_\_\_\_\_

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**Solve. Draw bar models to help you.**

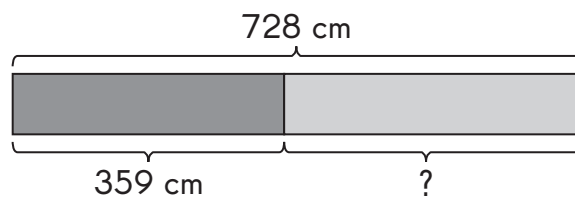
*Example*

A tree is 728 centimeters tall.

A monkey climbs up 359 centimeters of the tree.

How much more does the monkey need to climb to reach the top of the tree?

Write your answer in meters and centimeters.

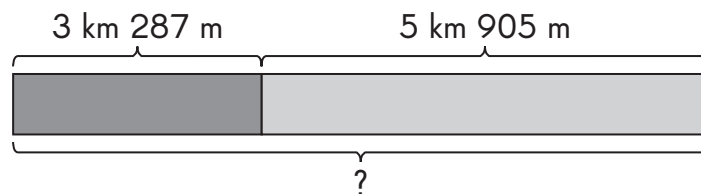


$$728 - 359 = 369$$

$$369 \text{ cm} = 3 \text{ m } 69 \text{ cm}$$

*The monkey needs to climb 3 meters 69 centimeters more.*

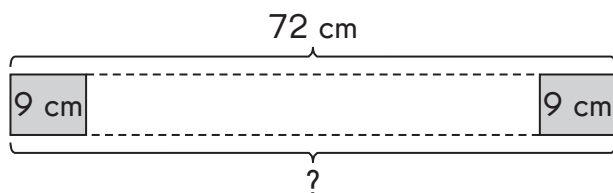
- 5.** Calvin cycles 3 kilometers 287 meters from Town A to Town B.  
He then cycles 5 kilometers 905 meters from Town B to Town C.  
How far does Calvin cycle in all?



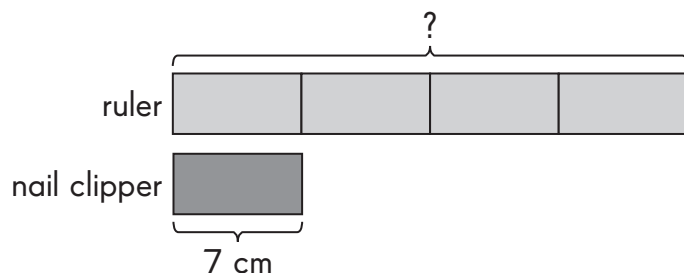
Name: \_\_\_\_\_

Date: \_\_\_\_\_

6. Jeff has a string that is 72 centimeters long.  
He cuts it into some pieces.  
Each piece is 9 centimeters long.  
How many pieces did Jeff cut?



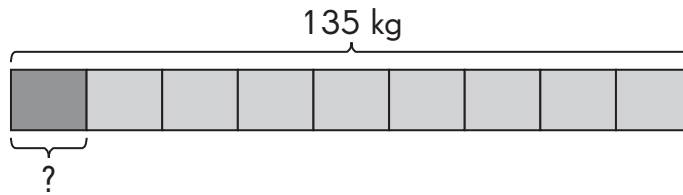
7. A ruler is 4 times as long as a nail clipper.  
The nail clipper is 7 centimeters long.  
How long is the ruler?



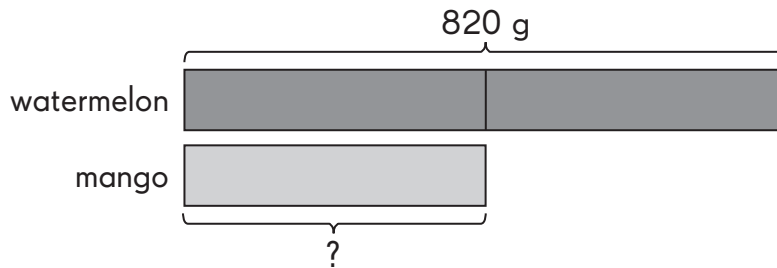
Name: \_\_\_\_\_

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8. Mrs. Lim buys 135 kilograms of beans.  
She divides them into 9 bags equally.  
What is the mass of beans in each bag?



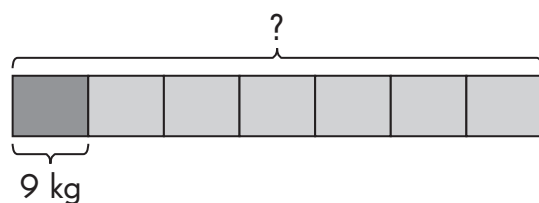
9. A watermelon has a mass of 820 grams.  
The mass of the watermelon is twice the mass of the mango.  
What is the mass of the mango?



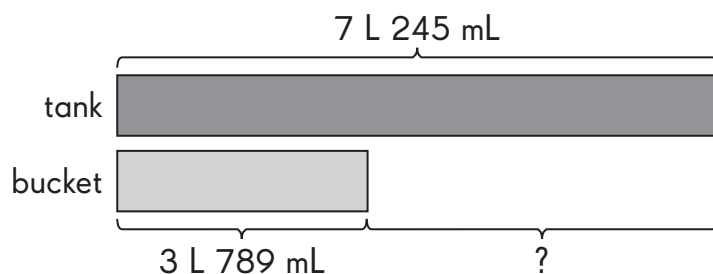
Name: \_\_\_\_\_

Date: \_\_\_\_\_

- 10.** Each bag of rice has a mass of 9 kilograms.  
Sara buys 7 bags of rice altogether.  
Find the total mass of rice she buys.



- 11.** A tank has a capacity of 7 liters 245 milliliters.  
A bucket has a capacity of 3 liters 789 milliliters.  
How much more water can the tank hold than the bucket?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Worksheet 2 Real-World Problems: Two-Step Problems

**Solve. Use bar models to help you.**

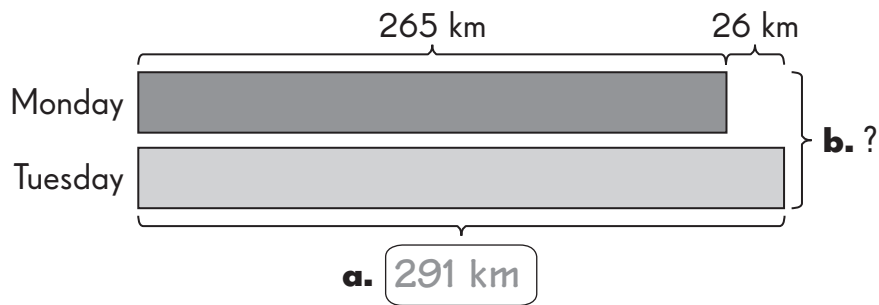
*Example*

Mr. Tan drives 265 kilometers on Monday.

He drives 26 kilometers more on Tuesday than he drove on Monday.

**a.** How far does Mr. Tan drive on Tuesday?

**b.** How far does Mr. Tan drive altogether?



**a.**  $265 + 26 = 291$

Mr. Tan drives 291 kilometers on Tuesday.

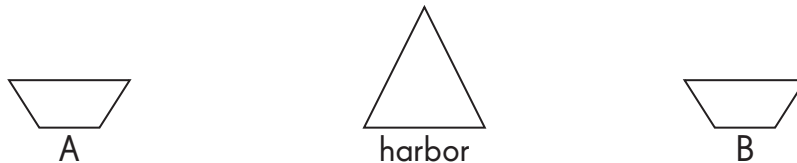
**b.**  $265 + 291 = 556$

Mr. Tan drives 556 kilometers altogether.

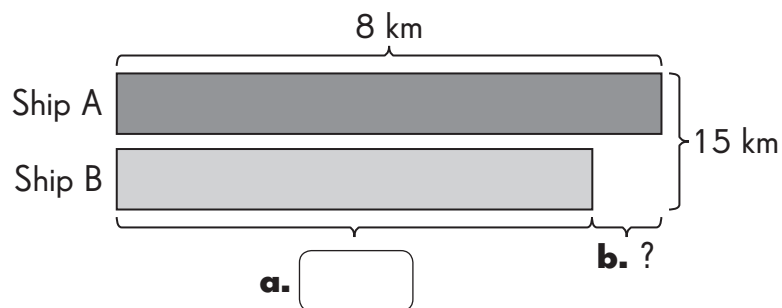
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1. Two ships sail from the harbor in a straight line but in opposite directions. After a while, Ship A is 8 kilometers from the harbor. The ships are 15 kilometers apart.



- a. What is the distance traveled by Ship B?  
b. How much farther does Ship A travel than Ship B?

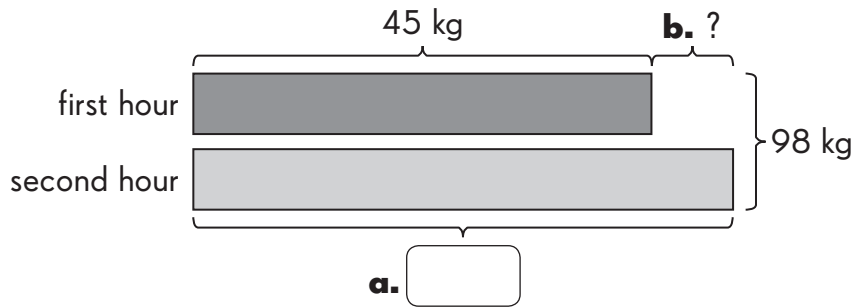




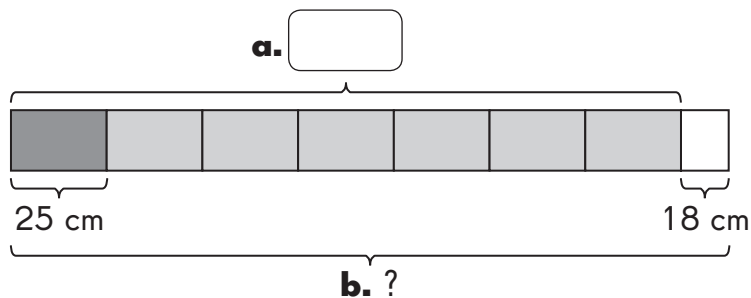
Name: \_\_\_\_\_

Date: \_\_\_\_\_

- 2.** Boris loads 45 kilograms of meat into his van in the first hour. In the second hour, he loads some more meat into the van. The total mass of the meat is 98 kilograms.
- What is the mass of meat Boris loads in the second hour?
  - How much more meat does Boris load in the second hour than in the first hour?



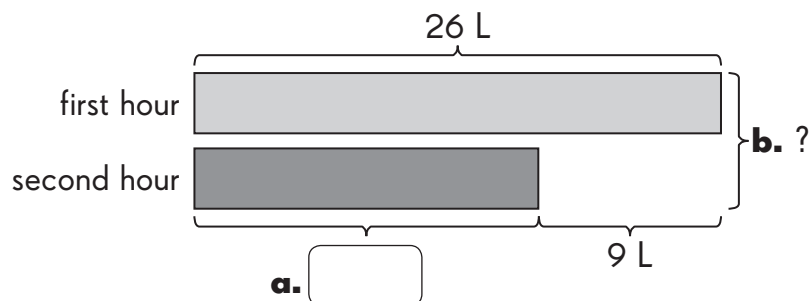
- 3.** Sharon cuts seven pieces from a ribbon. Each piece is 25 centimeters long. The ribbon has 18 centimeters left.
- What is the total length of the 7 pieces of ribbon?
  - What was the length of the ribbon at first?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

- 4.** Jacky sells 26 liters of gas in the first hour.  
He sells 9 liters less gas in the second hour than in the first hour.
- How much gas does Jacky sell in the second hour?
  - How much gas does Jacky sell altogether?



- 5.** A tank contains 144 liters of milk.  
Sam fills 9 pails with all the milk in the tank.
- How much milk is in each pail?
  - Sam spills 3 liters of milk from a pail.  
How much milk is left in the pail?

