Name _____

Another Look!

Hailey's family is saving money for a vacation. If they save $525 each month for 12 months, how much will they save?

Draw a bar diagram.

s total amount saved

$525	$525	$525	$525	$525	$525	$525	$525	$525	$525	$525	$525
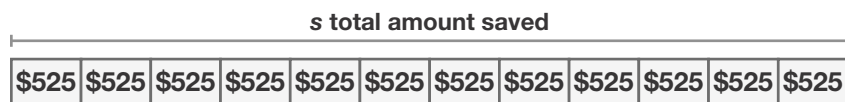
Write and solve an equation.

$12 \times 525 = s$

$s = 6{,}300$

Hailey's family will save $6,300 over the 12 months.

> The variable *s* represents the total amount saved. You can draw a bar diagram and write an equation to model the problem.

In **1–5**, draw a bar diagram and write an equation. Solve.

1. A stadium has 7,525 seats. What is the total attendance for 5 games if each game is sold out? Complete the bar diagram to help you.

n total number of people
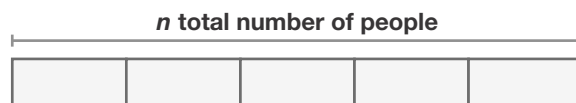
2. An aquarium has display tanks that each contain 175 fish. How many fish are on display in 6 tanks?

? fish →   **?**

6 tanks → | 175 | 175 | 175 | 175 | 175 | 175 |

3. Each elephant at the zoo eats 125 pounds of food per day. How many pounds of food will 18 elephants eat?

4. Joy travels a lot for her job. She flies 2,840 miles each week for 4 weeks. How many miles in all does she fly?

5. Jerry weighs 105 pounds. If a male brown bear weighs 11 times as much, what is the brown bear's weight?

6. Meg measured the length of some pieces of wire. What is the difference in length between the longest and shortest piece of wire?

Lengths of Wire
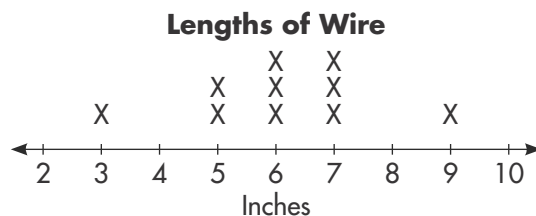
7. What is the combined length of all the pieces Meg measured? Write an equation using a variable to show your work.

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8. Higher Order Thinking Daniel has 102 stamps. Manuel has twice as many stamps as Daniel. Kendra has twice as many stamps as Manuel. How many stamps do they have in all?

9. Caroline has enough pumpkin seeds to cover an area of 350 square feet. Her garden measures 18 feet by 22 feet. Does she have enough pumpkin seeds to fill the whole garden? Explain.

What do you need to find to solve this problem?

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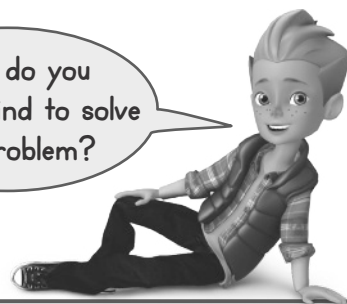
10. Be Precise The table shows the number of miles 3 runners ran last week. Order the numbers from least to greatest. Which runner ran the farthest? How do you know?

Name	Miles
Darla	15.2
Casey	15.25
Juan	15.03

DATA

☑ **Assessment Practice**

11. Tia drives 127 miles a week. Mac drives 23 times as many miles as Tia a week. How many miles does Mac drive a week?

Ⓐ 635 miles

Ⓑ 1,801 miles

Ⓒ 2,921 miles

Ⓓ 3,021 miles

12. Kai sends 184 text messages a month. Bo sends 12 times as many text messages a month as Kai. How many text messages does Bo send a month?

Ⓐ 1,004 text messages

Ⓑ 1,840 text messages

Ⓒ 2,008 text messages

Ⓓ 2,208 text messages