Name

LESSON 3.5
More Practice/ Homework

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Solve Multistep Problems with Multiplication and Division

1 MP **Use Tools** Simone buys a shirt and hat. The hat costs $6. The shirt costs 5 times as much as the hat. How much more does the shirt cost than the hat?

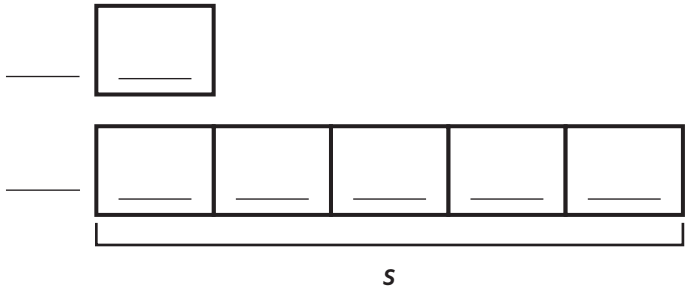
Break up the problem into smaller steps. Use a bar model and equation to complete each step.

- Find how much the shirt costs, *s*.

  _____ × _____ = *s*

  _____ = *s*

  The shirt costs _____.

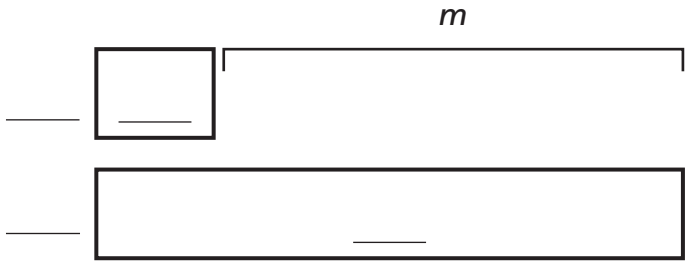


- Find how much more the shirt costs than the hat, *m*.

  _____ + *m* = _____

  m = _____

  The shirt costs _____ more.



2 MP **Model with Mathematics** This year, 63 students ran the 5K race. That is 7 times as many as ran last year. How many students ran the 5K in the last two years?

Write equations to model and solve the problem.

Let *s* = the number of students last year.

Let *b* = the number of students the last two years.

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Test Prep

3 Lisa sees 10 birds during a birdwatching trip. Cheyanne sees 6 times as many birds as Lisa. How many birds do Lisa and Cheyanne see?

Ⓐ 16 Ⓑ 60 Ⓒ 66 Ⓓ 70

4 Ivana makes 40 muffins. That is 4 times as many muffins as Hayden makes. How many muffins do Ivana and Hayden make? Write equations to model and solve the problem. Use letters for the unknowns.

_____

_____

_____

5 Jon cycles 28 miles on Saturday. That is is 4 times as many miles as he cycles on Sunday. How much farther does Jon cycle on Saturday than on Sunday?

Ⓐ 7 miles Ⓑ 14 miles Ⓒ 21 miles Ⓓ 24 miles

6 Tingyi swims 25 backstroke laps. She swims 10 more freestyle laps than backstroke. She swims 5 times as many freestyle laps as butterfly. How many laps of butterfly does Tingyi swim?

Ⓐ 10 Ⓑ 7 Ⓒ 5 Ⓓ 3

Spiral Review

7 Estimate. Then find the sum.

Estimate: _____

$$\begin{array}{r} 513{,}567 \\ +362{,}249 \\ \hline \end{array}$$

8 Round to the place value of the underlined digit.

5<u>1</u>7,264 _____

23<u>8</u>,155 _____

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