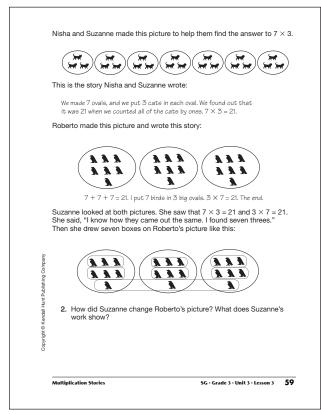


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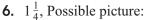
*Answers and/or discussion are included in the lesson.

TG · Grade 3 · Unit 3 · Lesson 3 · Answer Key

Student Guide

Multiplication Stories (SG pp. 58–61) Questions 1–7

- 1.* 7 clouds, 35 lightning strikes
- Suzanne circled seven groups of three instead of three groups of seven. It shows that both 7 × 3 and 3 × 7 equal 21.
- **3.** Sam doubled 7 and drew three groups of fourteen people. Then he added 14 + 14 + 14 = 42.
- **4.** 20 cubes
- **5.** 80 cubes





- **7.** Stories will vary. Possible stories are shown.
 - **A.** There are three teams with four players on each. How many players are there in all?



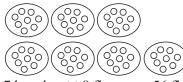
3 teams \times 4 players = 12 players

There are 4 teams with 3 players on each. How many players are there in all?

$$\begin{pmatrix} x & x \\ x \end{pmatrix} \begin{pmatrix} x & x \\ x \end{pmatrix}$$

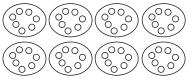
4 teams \times 3 players = 12 players

B. Daisy picked seven bunches of flowers. Each bunch had eight flowers. How many flowers were there in all?



7 bunches \times 8 flowers = 56 flowers

Daisy picked seven flowers for each of her eight friends. How many flowers did Daisy pick in all?



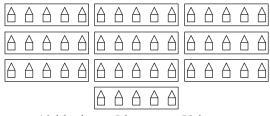
7 flowers \times 8 friends = 56 flowers

Answer Key • Lesson 3: Multiplication Stories

C. There are 10 houses on each of the five blocks in my neighborhood. How many houses are there in all?

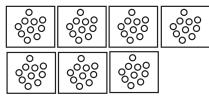
10 houses \times 5 blocks = 50 houses

There are 5 houses on each of the 10 blocks in my neighborhood. How many houses are in the neighborhood?



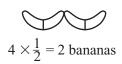
10 blocks \times 5 houses = 50 houses

D. Jesse bought seven trays of fruit. Each tray had ten pieces of fruit. How many pieces of fruit were there altogether?

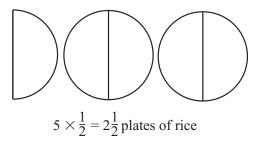


7 trays \times 10 pieces = 70 pieces of fruit

E. Kristie ate four halves of a banana. How many whole bananas did Kristie eat?

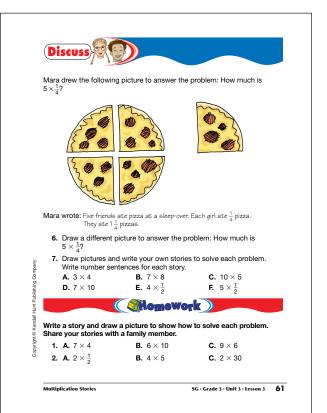


F. Fred can eat five servings of rice. Each serving is one half of a plate. How many plates of rice can Fred eat?



	7 7 7 7 7 7 14 + 14 + 14 =	7 7 42	
Sam wrote th	is story:		
	nere are six cars in the park and tl ach car. 6 × 7 = 42.	nere are seven people in	
used co	and Ana worked on this proble onnecting cubes to solve the p How long is each train?		
			Copyright @
They divided count by tens	each train into two trains of ters.	n cubes so that they could) Kendall Hun
	10 30 50 10 10 10 10 10 10 10 10 10 10 10 10 10	20 40 60 80	Copyright @ Kendall Hunt Publishing Company
5. Look a	the picture. How much is 4 \times	20?	





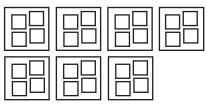
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Answer Key • Lesson 3: Multiplication Stories

Homework (SG p. 61) Questions 1–2

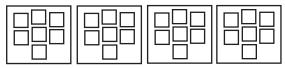
Answers will vary. Possible stories are shown.

 A. Melanie has four stickers on each of her seven notebooks. How many stickers does Melanie have in all?



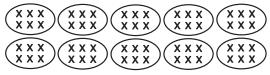


Melanie put 7 stickers on each of her 4 notebooks. How many stickers are on her notebooks?



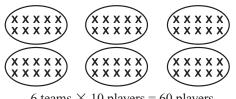
7 stickers \times 4 notebooks = 28 stickers

B. There are six players on my soccer team. There are ten teams in all. How many total players are there?



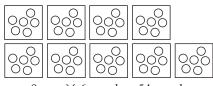
6 players \times 10 teams = 60 players

Students may also show:



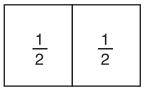
6 teams \times 10 players = 60 players

C. Nine cars drove to the basketball game. There were six people in each car. How many people went to the basketball game?



9 cars \times 6 people = 54 people

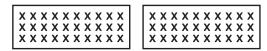
2. A. John ate two halves of a muffin. $2 \times \frac{1}{2} = 1$ muffin. He ate one whole muffin.



B. Rico bought five pencils for each of his 4 friends. He bought 20 pencils.

4 friends \times 5 pencils = 20 pencils

C. There are 2 third-grade classes. Each one has 30 students. How many students are in third-grade?



2 classes \times 30 students = 60 students

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