	lome Practice
	le Flash Cards: 5s, 10s, and Square
	e multiplication facts for the 5s, 10s, and square numbers le Flash Cards: 5s, 10s, and Square Numbers and your list
or she should cover the	ask a family member to choose one flash card at a time. H e corner containing the highest number, the shaded numbe e answer to a multiplication fact. Multiply the two uncovere
	n small groups. Choose eight to ten facts to study each tell you when the quiz on the 5s and 10s and the quiz on II be.
Part 2 Fact Fa	amilies
For each fact given, w	rite the other number sentences of the same fact family.
A. $90 \div 10 = 9$	
B. $15 \div 5 = 3$	
C. $9 \times 9 = 81$	
D. $5 \times 9 = 45$	

Home Practice

Part 2

Questions A–D (TG p. 1)

Α.	$90 \div 10 = 9$	$90 \div 9 = 10$
		$10 \times 9 = 90$
		$9 \times 10 = 90$
В.	$15 \div 5 = 3$	$15 \div 3 = 5$
		$3 \times 5 = 15$
		$5 \times 3 = 15$
~	$9 \times 9 = 81$	$81 \div 9 = 9$
С.	$9 \times 9 = 81$	$81 \div 9 = 9$
D.	$5 \times 9 = 45$	$9 \times 5 = 45$
		$45 \div 9 = 5$
		$45 \div 5 = 9$



1. Grace b 35 cano each da	bought a bag of sour dies in the bag. Grac ay and she wants the	plication Storie r candies with her allow ce wants to eat the sam e candy to last all week /rite a number sentence	ance. There are e number of candies . How many candies	
\$10 pe	r hour. On Friday nig	Tony's Pizza Place mak ht, he worked 5 hours. did he earn on each da	On Saturday, he worked	
How m	uch did he earn botł	h days together? Show	how you know.	
6 pairs	of socks at the start	kie's family. Jackie's mo cof the school year. How /rite a number sentence	v many pairs of socks	
a memi	pership fee of 8 dim	club. There are 8 boys ir es to be in the club. Ho much money was this?		
A. 5 ×	number to make eac = 30 $= 5 \times 8$	ch sentence true. B. 20 = D. 10 × 1 =	」 	

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Part 3

Questions 1–5 (TG p. 2)

- **1.** 5 candies; $35 \div 7 = 5$
- He earned \$50 on Friday. He earned \$80 on Saturday. He earned \$130 both days together. 5 hours × \$10 = \$50 8 hours × \$10 = \$80 \$50 + \$80 = \$130
- **3.** 36 pairs of socks; $6 \times 6 = 36$
- 64 dimes altogether
 \$6.40
 8 boys × 8 dimes = 64 dimes
- **5. A.** 6 **B.** 5
 - **C.** 40 **D.** 5

Answer Key • Home Practice

Part 4

Questions 1–6 (TG p. 3)

- **1.** Yes. $17 \times 2 = 34$
- 2. No. $35 \div 3 = 11.666...$ There is no whole number such that $\times 3 = 35.$
- **3.** Any even number; e.g., 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
- **4.** Any multiple of 3; e.g., 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
- **5.** Yes, 7 is a prime number. The only factors of 7 are 1 and 7. Only one rectangle can be made with 7 tiles: 1×7 .
- 6. A. 25
 B. 100
 C. 4
 D. 9

Part 4 Multiplic and Squ	cation: Factors, Multiples, Primes Jares
To solve the following p reference. See Unit 3 Le	problems, you may use your <i>Student Guide</i> as a essons 1, 3, and 7.
1. Is 34 a multiple of	2? Explain why or why not.
2. Is 3 a factor of 35?	? Explain why or why not.
3. Name 10 numbers	that are multiples of 2.
4. Name 10 numbers	s that have 3 as a factor.
5. Is 7 a prime numbe	er? Why or why not?
6. A. 5 ² =	B. 10 ² =
C. 2 ² =	D. 3 ² =
	TG • Grade 4 • Unit 3 • Home Practic

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Answer Key • Home Practice

ctu	se an appropriate tool to help you solve each of the problems. Use a re, paper and pencil, or a calculator. Use pictures, number sentences, or s to show how you solve each problem.
	Keenva's sister, Shenika, works at a grocery store. Today she is stocking shelves. She stacks soup cans three cans high. If she makes 6 stacks, how many soup cans will she shelve?
2.	Shenika brings in some shopping carts from the parking lot. She makes 4 rows of carts. She wants to place the same number of carts in each row. If she brings in 17 carts, how many carts can she place in each row?
3.	Shenika gets paid six dollars an hour. Last week she worked 15 hours. How much did she earn?
4.	When Shenika works the cash register on a Saturday, she works nonstop. In the express line, customers may purchase only 10 items or less. When working the express line, she can ring up about 5 customers in 15 minutes. If she works a 6-hour day, about how many customers can she serve?

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Nam	e Date
5.	The grocery bill for one of Shenika's customers was \$15.52. The customer gave Shenika \$20.02. How much change did the customer receive?
6.	Grapes are on sale for 69¢ a pound. How much do 3 pounds of grapes cost?
7.	For every \$3 a customer spends at the grocery store, he or she gets a stamp that can be used for purchasing dishes. One customer bought groceries for herself and an elderly neighbor. The two separate bills were \$43 and \$28. How many stamps should this customer receive for herself and her neighbor
8.	Keenya went to the store to get groceries for her mom. She had \$10 and wasn't sure if she had enough money so she used mental math to make ar estimate before she went to the cash register. Keenya had these items in h cart: dish soap for \$3.19, carrots for \$1.59, bread for \$1.89, milk for \$3.89, and a can of beans for \$4.9.
	A Estimate the total cost of these groceries to tell Keenya whether she wi have enough money before she gets in the check-out line. Do not calculate the exact total. Show how you estimated below.
	B. If Keenya will have enough money, do you think she will have enough le over to buy a candy bar that costs \$.79?
	C. If Keenya will not have enough money, what item or items would you te her to put back to get her bill under \$10.00? Explain your choices.
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Part 5

Questions 1–8 (TG pp. 4–5)

- **1.** 18 soup cans; $3 \times 6 = 18$
- 2. Four is not a factor of 17, so she will not have equal rows:3 rows with 4 carts:1 row with 5 carts
- **3.** \$90
- **4.** 120 customers; she can ring up 20 customers in one hour; $6 \times 20 = 120$
- **5.** \$4.50
- \$2.07; one possible strategy: 69¢ is one less than 70¢. 3 × 7 = \$2.10
 \$2.10 .03 = \$2.07
- 7. 23 stamps $43 \div 3 = 14$ with 1 leftover
 - $28 \div 3 = 9$ with 1 leftover
 - 14 + 9 = 23
- 8. A. Estimates will vary. A possible strategy using friendly numbers: \$3 + \$2 + \$2 + \$4 + .50 = \$11.50. She probably will not have enough money.
 - **B.** No, she will not have enough to buy the candy bar.
 - **C.** Answers will vary. One possible response: Since she will be about \$1.50 over, she could return either the carrots or the bread.

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