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Part 2. Order of Operations

Questions 1–2 (TG p. 1)

I. A. 19

C. 15D. 38E. 72F. 46

G. 74 **H.** 103

2. Answers will vary.

Part 3. Divisibility

Questions 1-5 (TG p. 2)

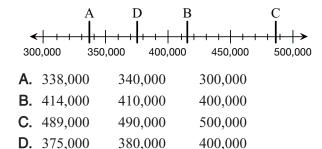
1. 85,680; 27,786; 1028; 10,782. Students' explanations will vary. Possible explanations are: all the even numbers are divisible by two, or numbers that have a 0, 2, 4, 6, or 8 in the ones place are divisible by two.

B. 36

- **2.** 567; 85,680; 27,786; 10,782. Students' explanations will vary. Students might divide each number by 3 and see if there is a remainder, or they might add the digits in each number to see if the sum is a multiple of three.
- **3.** 85,680; 27,786; 10,782. Students' explanations will vary. Students should choose all numbers in common between *Questions 1* and *2*. Numbers that are divisible by 2 and 3 are also divisible by 6.
- **4.** 85,680. Students' explanations will vary. Students might say that numbers that have a 0 or a 5 in the ones place are divisible by 5 and numbers that have a 0 in the ones place are divisible by 10.
- **5.** 567; 85,680; 10,782. Students' explanations will vary. Students might divide each number by 9 and see if there is a remainder, or they might add the digits in each number to see if the sum is a multiple of nine.

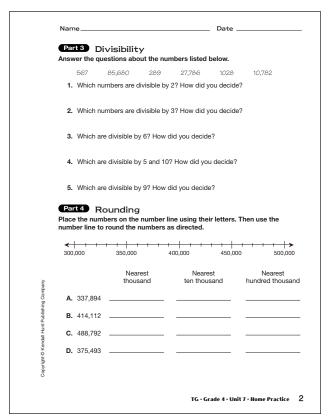
Part 4. Rounding

Questions A-D (TG p. 2)



Name	Date	
Unit 7: H	ome Practice	
	lash Cards: 2s and 3s	
Study for the quiz on the divis	sion facts for the last six facts. Take home your 3s and your list of facts you need to study.	
at a time. Your partner should	ards: Ask a family member to choose one flash card cover the corner containing one of the smaller the answer to a division fact. Solve a division red numbers.	
Your teacher will tell you when	n the division quiz on the 2s and 3s will be.	
Part 2 Order of O	perations	
1. Remember the order of	f operations as you do the following problems. You ut be sure you follow the order of operations even	
A. 7 × 2 + 5 =	B. (8 + 4) × 3 =	
C. 7 + 24 ÷ 3 =	D. 7×4+5×2 =	
E. 8 × (6 – 3) × 3 =	F. 36 ÷ 9 + 6 × 7 =	Copyright
G. 7 + 9 × 8 – 5 =	H. 100 – 49 ÷ 7 + 10 =	© Kendall Hu
operations to make as You need paper, a pend you must use each of t once, more than once, $4 \times 1 + 2 \times 3 = 10$. Use	Use the numbers 1, 2, 3, and 4 and the four many different whole numbers as you can. il, and a calculator. In each number sentence, he four digits exactly once. You can use operations or not at all. For example, to make 10 you can write: a separate sheet of paper to write the number he numbers you make.	Copyright © Kendal Hunt Publishing Company
TG•Grade 4•Unit7•Home	Practice	

Teacher Guide - Page 1



Teacher Guide - Page 2

Part 5 Groups and More Groups
Use the Multiplication Strategies Menu in the Student Guide Reference section.

1. Bessie Coleman School is holding a fund-raiser. The money earned will go towards buying new books for the school library. Jacob is in charge of pouring lemonade at the fund-raiser. He has 19 packages of paper cups. Each package has 20 cups. About how many cups does he have?

2. Lee Yah is in charge of selling hot dogs. She has 36 packages of hot dog buns at the start of the day. Each package has 8 buns. How many hot dogs can she sell?

3. Jacob is selling raffle tickets. One raffle ticket sells for \$4.

A. So far he has collected \$160. How many raffle tickets did he sell?

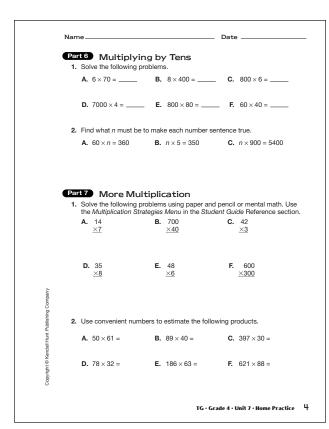
B. His goal is to collect \$400. How many more raffle tickets must he sell to reach his goal?

4. Ten people can sit at one table for Bingo. There are 12 tables for Bingo. How many people can play Bingo at one time?

5. At the fund-raiser, a "meal deal" that includes a hot dog, drink, and chips costs \$3. There are 96 students in the eighth grade at Bessie Coleman School. If each eighth grader buys one meal deal, how much money will the eighth-grade class pay in all for their food?

6. Students playing Knock Down the Bottles get 2 balls for a quarter. How many players must pay for the booth to earn \$10? How many balls will have been tossed?

Teacher Guide - Page 3



Part 5. Groups and More Groups

Questions 1-6 (TG p. 3)

- **I.** Estimates will vary. One possible estimate: 400 cups
- **2.** 288 hotdogs
- 3. A. 40 raffle tickets
 - **B.** 60 more raffle tickets
- **4.** 120 people
- **5.** \$288
- **6.** 40 players; 80 balls

Part 6. Multiplying by Tens

Questions 1-2 (TG p. 4)

- I. A. 420
 - **B.** 3200
 - **C.** 4800
 - **D.** 28,000
 - **E.** 64,000
 - **F.** 2400
- **2. A.** 6
 - **B.** 70
 - **C.** 6

Part 7. More Multiplication

Questions 1-2 (TG p. 4)

- I. A. 98
 - **B.** 28,000
 - **C.** 126
 - **D.** 280
 - **E.** 288
 - **F.** 180,000
- **2.** A. One possible estimate: $50 \times 60 = 3000$
 - **B.** One possible estimate: $90 \times 40 = 3600$
 - **C.** One possible estimate: $400 \times 30 = 12,000$
 - **D.** One possible estimate: $80 \times 30 = 2400$
 - **E.** One possible estimate: $200 \times 60 = 12,000$
 - **F.** One possible estimate: $600 \times 90 = 54,000$

Teacher Guide - Page 4

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Part 8. Using Estimation

Questions 1-7 (TG p. 5)

١.	New York Yankees	3,719,358
	Philadelphia Phillies	3,600,693
	Chicago Cubs	3,168,859
	Minnesota Twins	2,416,237
	Atlanta Braves	2,373,631

- **2.** Possible response: About 2 million more people attended New York Yankees games: 4,000,000 - 2,000,000 = 2,000,000
- **3.** About 400,000 more attended Philadelphia Phillies: 3,600,000 - 3,200,000.
- **4.** Chicago Cubs has about double the attendance of Pittsbtgh Pirates: 3,200,000 is about double 1,600,000.
- **5.** About 300,000 more people attended the Minnesota Twins games: 2,400,000 - 2,100,000.
- **6.** About 25 million people enjoyed baseball in these ball parks: estimate to the closet million.
- **7.** Methods will vary.
 - **A.** Estimate is 200; exact answer is 212.
 - **B.** Estimate is 80; exact answer is 76.
 - **C.** Estimate is 240; exact answer is 231.
 - **D.** Estimate is 300 or 350; exact answer is 325.

	Ballpark Attendance		Number of	
Baseball Team	Atttendance	Baseball Team	Atttendance	
Arizona Diamondba		Minnesota Twins	2,416,237	
Atlanta Braves	2,373,631	New York Yankees	3,719,358	
Baltimore Orioles	1,907,163	Philadelphia Phillies	3,600,693	
Chicago Cubs	3,168,859	Pittsburgh Pirates	1,577,853	
Chicago White Sox	2,284,163	Seattle Mariners	2,195,533	
. About how man Chicago Cubs o		nded Philadelphia Phill	es games than	
. Which team has	about double the a	attendance of the Pittsl	ourgh Pirates?	8
	y more people atter dbacks games?	nded Minnesota Twins	games than	Copyright ® Kendall Hunt Publishing Company :== e
. About how man	y fans enjoyed base	eball in these ten ballpa	arks?	ndall Hunt
		an exact answer using		Publishing Ie
		ion outdiograp mond in		0

Teacher Guide - Page 5