### **Teacher Guide**

### Part 2. Solving Problems (TG p. 1) **Ouestions 1–3**

- **I. A.** 648 sandwiches
  - **B.** No; there will be enough for each person to have 1 sandwich with 121 sandwiches left over.
- 2. 92 sandwiches left

Questions 1–2 **I. A.** 300

**C.** 950

**E.** 5000

**G.** 13,000

**I.** 65,000

**C.** 63,306

**E.** 6613

**G.** 2632

- **3.** A.  $\frac{3}{12}$  or  $\frac{1}{4}$  of the guests are family members.
  - **B.** Possible response: I know that  $\frac{1}{6} = \frac{2}{12}$  so I added  $\frac{7}{12} + \frac{2}{12} = \frac{9}{12}$ . Then I thought about how many more twelfths I would need to make a whole. I know  $\frac{9}{12} + \frac{3}{12} = \frac{12}{12}$  or 1 whole.  $\frac{3}{12}$  is the same as  $\frac{1}{4}$ .

Part 3. Practicing The Operations (TG p. 2)

**B.** 2490

**D.** 3300

**F.** 8200

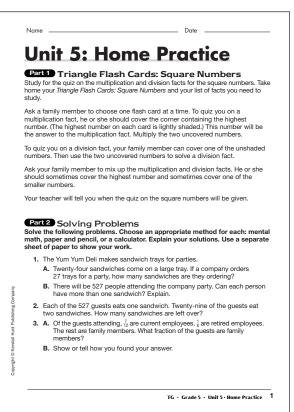
**H.** 1800

**B.** 1652

**D.** 3226

**F.** 2967

**H.** 689



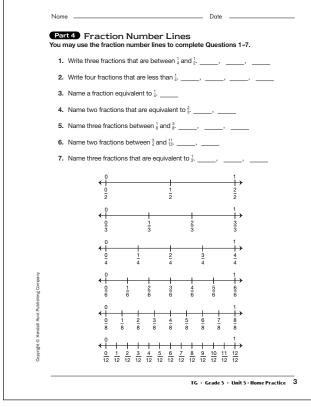
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se the st	Practicing the Operategies menus for addition, suide Reference section.	subtraction, and multiplication in the	
	e the following problems in you stions 1H and 1I.	r head. Estimate the answers to	
A. 2	240 + 60 =	<b>B.</b> 2089 + 401 =	
с.	1250 - 300 =	<b>D.</b> 10,000 - 6700 =	
E. 3	3800 + 1200 =	<b>F.</b> 17,000 – 8800 =	
G. 4	5300 + 7700 =	<b>H.</b> Estimate: $89 \times 18$	
I. I	Estimate: 1270 $ imes$ 50		
	e the following problems using n. Estimate to be sure your ans	g a paper-and-pencil method or mental swers are reasonable.	Copyright
<b>A.</b> 4	473 + 1548 =	<b>B.</b> 28 × 59 =	Copyright © Kendall Hunt Publishing Company
<b>C</b> . 1	7034 × 9 =	<b>D.</b> 3704 - 478 =	/t Publishing Co
E. 3	3678 + 2935 =	<b>F.</b> 43 × 69 =	ompany
G. 4	47 × 56 =	<b>H.</b> 8635 - 7946 =	

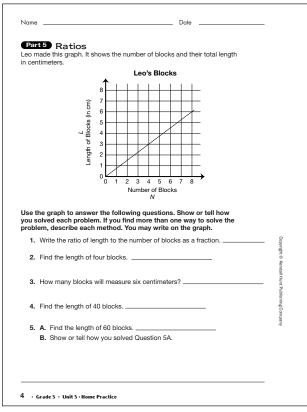
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# Answer Key • Home Practice



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# Part 4. Fraction Number Lines (TG p. 3) Questions 1–7

- **I.** Possible responses:  $\frac{1}{3}, \frac{2}{6}, \frac{3}{8}, \frac{4}{12}, \frac{5}{12}$
- **2.** Possible responses:  $\frac{1}{6}, \frac{1}{8}, \frac{1}{12}, \frac{2}{12}$
- **3.** Possible responses:  $\frac{2}{8}, \frac{3}{12}$
- **4.** Possible responses:  $\frac{4}{6}$ ,  $\frac{8}{12}$
- **5.** Possible responses:  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{6}$ ,  $\frac{2}{8}$ ,  $\frac{3}{12}$ ,  $\frac{4}{12}$
- **6.** Possible responses:  $\frac{5}{6}, \frac{7}{8}, \frac{10}{12}$
- **7.** Possible responses:  $\frac{2}{4}$ ,  $\frac{3}{6}$ ,  $\frac{4}{8}$ ,  $\frac{6}{12}$

### Part 5. Ratios (TG p. 4) Questions 1–5

- $I. \quad \frac{3 \text{ cm}}{4 \text{ blocks}}$
- **2.** 3 cm
- 3. 8 blocks
- **4.** 30 cm
- **5. A.** 45 cm

**B.** I know that every 3 cm is equal to 4 blocks, so  $\frac{3 \text{ cm}}{4 \text{ blocks}} = \frac{?}{60 \text{ blocks}}$ First I thought 4 × ? = 60 and got 15. Then I multiplied 3 × 15 to get 45, so 45 cm will equal 60 blocks.