Name _____ Date _____

Unit 13: Home Practice

Part 1 Triangle Flash Cards: Review All Facts

Study for the quiz on the multiplication facts. Take home your Triangle Flash Cards for all the facts and the list of facts you need to study. Ask a family member to choose one flash card at a time. He or she should cover the biggest number. This is the answer in a multiplication problem. Solve the multiplication fact with the two uncovered numbers.

Your teacher will tell you when the quiz on the multiplication facts will be.

Part 2 Using Estimation

Use your estimation skills to help you solve the following problems.

46 81 33 78

1. Which two numbers above should you add if you want an answer:

A. close to 100? _____

B. over 150? _____

C. close to 75? _____

2. Explain your strategy for Question 1C.

3. Which two numbers should you subtract if you add if you want an answer:

A. close to 50? _____

B. close to 0? _____

C. close to 10? _____

4. Explain your strategy for Question 3C.

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Part 3 Using Strategies to Add, Subtract, and Multiply

Tell whether the sum of each is more than 600, less than 600, or equal to 600.

1. A. 300 + 300 _____ **B.** 318 + 264 _____

C. 268 + 295 _____ **D.** 329 + 282 _____

E. 240 + 360 _____ **F.** 363 + 302 _____

Fill in the blanks below so each number sentence equals 1000.

2. A. _____ + _____ + 300 = 1000

B. _____ + 150 + _____ = 1000

C. 335 + _____ + _____ = 1000

3. Complete each problem using strategies you have learned.

A.	B.	C.	D.	E.	F.
79	979	75	32	60	83
+ 69	– 430	× 4	× 9	× 4	× 7

4. Find two 3-digit numbers whose sum is 251.

5. Find two numbers whose difference is 79.

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Part 4 Thinking About Multiplication

1. Skip count by fives backwards from 80. Record the numbers below as you say them.

2. Skip count by fours backwards from 60. Record the numbers.

3. $4 \times 3 =$ _____ **4.** $4 \times 30 =$ _____ **5.** $4 \times 300 =$ _____

6. Explain how you would find the answer to 4×29.

Part 5 Money Matters

Use what you know about quarters to solve these problems. How much money do you have?

1. You have 25¢ more than $2.50. _____

2. You have 25¢ less than $2.50. _____

3. You have 50¢ more than $2.50. _____

4. You have $1.50 more than $3.50. _____

5. You have $2.00 less than $3.75. _____

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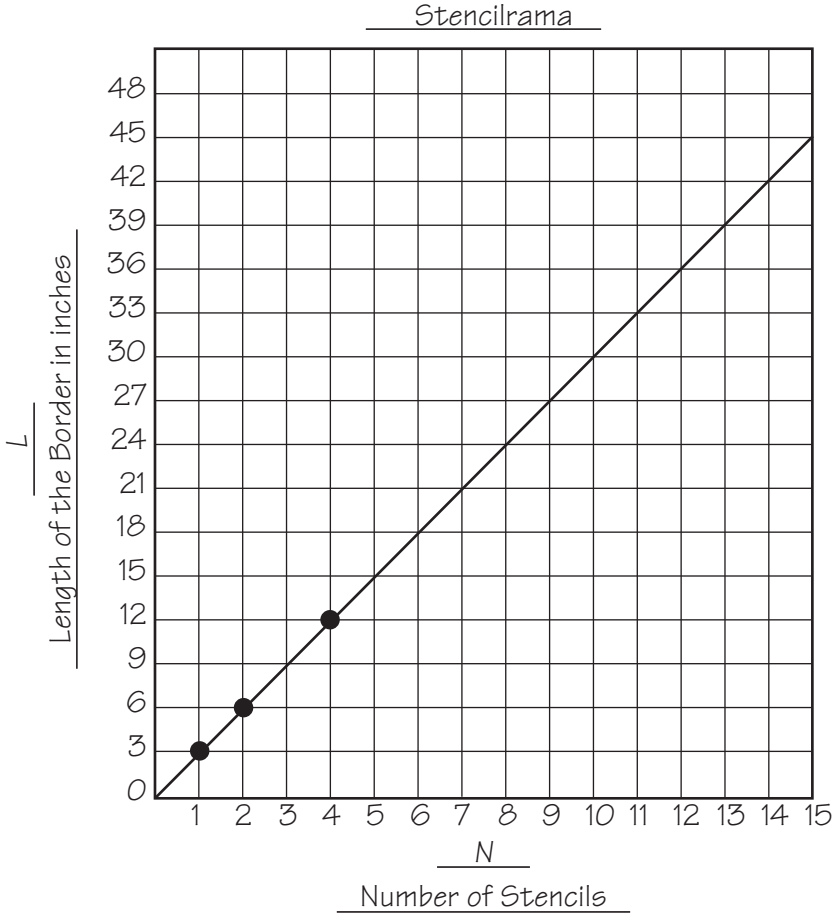
Part 6 Using a Graph

Use the Stencilrama graph to answer the Questions. Show your work on the graph.



1. What two variables does the graph compare?
2. What is the unit used to measure each stencil?
3. Find the length of 3 stencils.
4. Rosa is making a border that is 36 inches long. How many stencils will she need?
5. Luis used 7 stencils to make a border. How long is his border?
6. Find the number of stencils in a border that is 48 inches long.

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Name _____ Date _____

Part 7 Practice with Volume

1. Complete the table by filling in the missing volume for each object.

	Volume of the Water in the Cylinder	Volume of the Water and Object	Volume of the Object
A.	50 cc	166 cc	
B.	65 cc	89 cc	
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D.	50 cc	117 cc	

E. Show or tell how you found the volume of the object in Question C.

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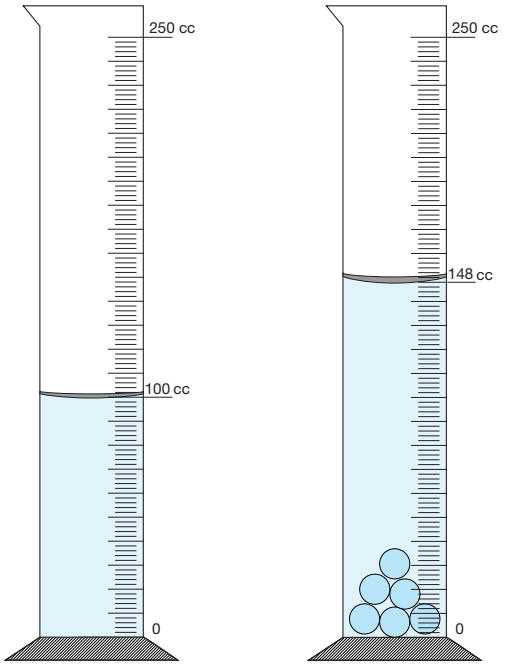

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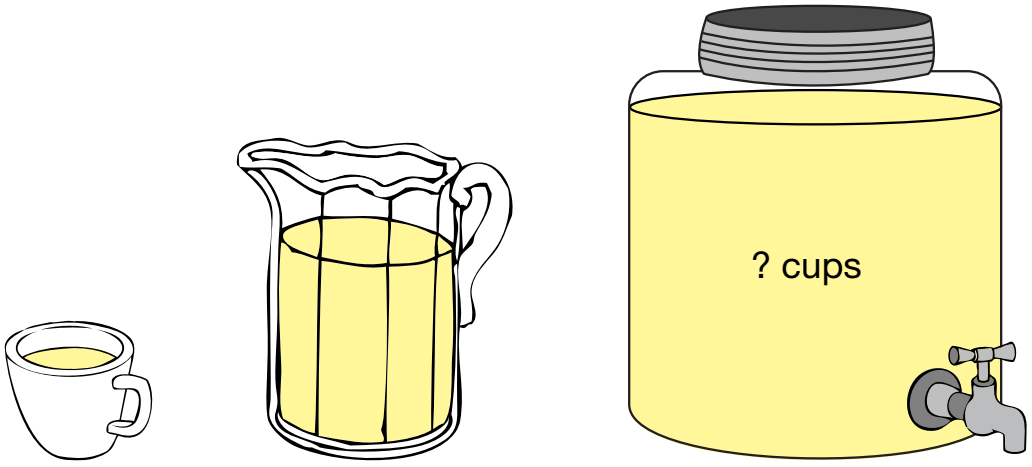
Name _____ Date _____

Part 8 Story Solving

1. A. Tara is making lemonade in a large container for a picnic. Help her find out how many cups the large container will hold. She has a one-cup measuring cup and a 2-quart pitcher. There are 8 cups in each 2-quart pitcher. She fills the 2-quart pitcher three times and the one-cup measuring cup 6 times in order to fill the large container.



1 Cup 2 quarts

B. Show or tell how you found the volume of the large container. Include a number sentence in your explanation.

2. Josh wrote a number mystery about his visit to the farm. Solve Josh's number mystery. Show or tell how you found the answer.

I saw cows in the field and counted 96 legs. How many cows were in the field?

3. Write a story and draw a picture for 18×3.

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Unit 13: Home Practice

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2. Explain your strategy for Question 1C.
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Fill in the blanks below so each number sentence equals 1000.

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Part 2. Using Estimation (TG p. 1)
Questions 1–4

1. **A.** 78 and 33
   B. 81 and 78
   C. 46 and 33
2. Possible response: 46 is close to 45 and 33 is close to 30. 45 + 30 = 75
3. **A.** 81 and 33
   B. 78 and 81
   C. 46 and 33
4. Possible response: 46 – 33 is close to 43 – 33 = 10.

Part 3. Using Strategies to Add, Subtract, and Multiply (TG p. 2)
Questions 1–5

1. **A.** equal to 600 **B.** less than 600
   C. less than 600 **D.** more than 600
   E. equal to 600 **F.** more than 600
2. **A.** Answers will vary. One example is 400 + 300 + 300 = 1000
   B. Answers will vary. One example is 350 +150 + 500 = 1000
   C. Answers will vary. One example is 335 + 165 + 500 = 1000
3. **A.** 148
   B. 549
   C. 300
   D. 288
   E. 240
   F. 581
4. Answers will vary. One example is 111 + 140 = 251
5. Answers will vary. One example is 164 − 85 = 79

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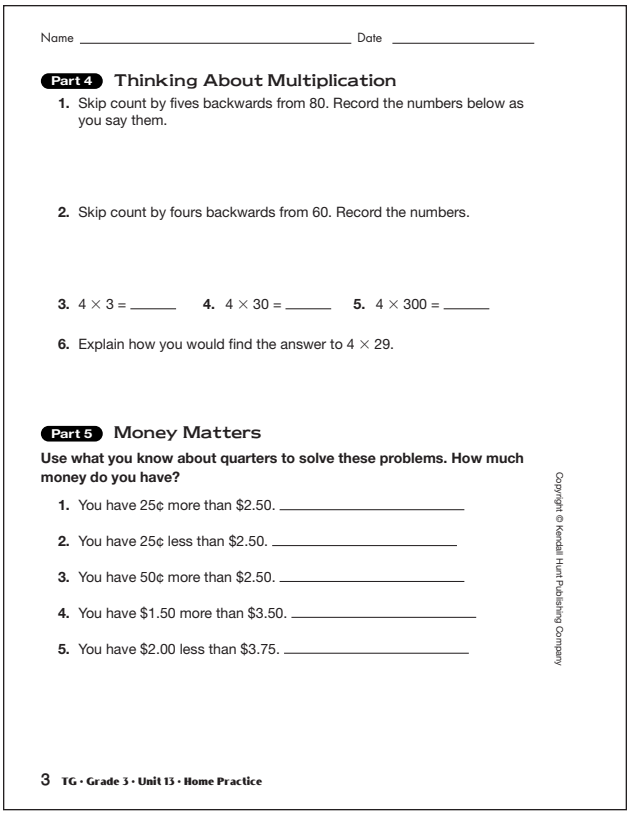
Part 4. Thinking About Multiplication (TG p. 3)
Questions 1–6

1. 80, 75, 70, 65,…, 15, 10, 5, 0
2. 60, 56, 52, 48, 44, 40, 36, 32, 28, 24, 20, 16, 12, 8, 4, 0
3. 12
4. 120
5. 1200
6. Solution strategies will vary. You could subtract 4 from 4×30. $120 - 4 = 116$

Part 5. Money Matters (TG p. 3)
Questions 1–5

1. $2.75
2. $2.25
3. $3.00
4. $5.00
5. $1.75



Name _____ Date _____

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3. You have 50¢ more than $2.50. _____
4. You have $1.50 more than $3.50. _____
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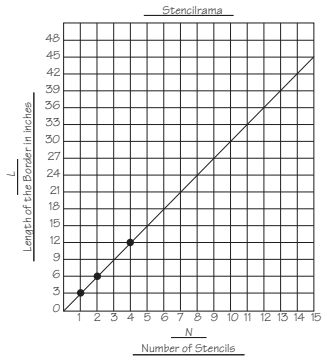
Part 6 Using a Graph

Use the Stencilrama graph to answer the Questions. Show your work on the graph.



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6. Find the number of stencils in a border that is 48 inches long.

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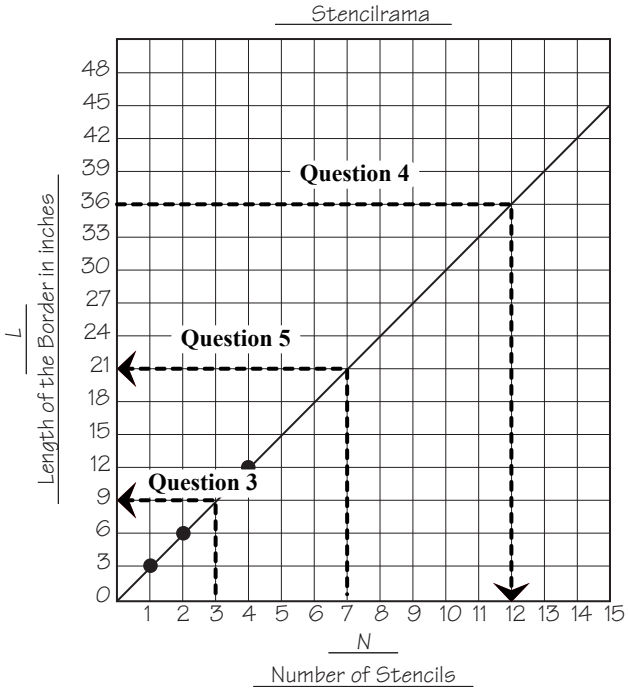
Part 6. Using a Graph (TG p. 4)
Questions 1–6

1. Number of stencils and length of the border.
2. inches
3. 9 inches; see graph
4. 12 inches; see graph
5. 21 inches; see graph



6. 16 stencils: Possible response: I used the graph to see that 12 stencils equals 36 inches. 48 − 36 = 12 and it takes 4 stencils to equal 12 inches. 4 stencils + 12 stencils = 16 stencils.

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Part 7. Practice with Volume (TG p. 5)
Questions 1–2

1.

	Volume of the Water in the Cylinder	Volume of the Water and Object	Volume of the Object
A.	50 cc	166 cc	**116 cc**
B.	65 cc	89 cc	**24 cc**
C.	100 cc	225 cc	**125 cc**
D.	50 cc	117 cc	**67 cc**

E. Possible response: I subtracted 225 − 100 = 125 cc

2. 8 cc; Possible response: I subtracted 148 −100 = 48 cc to find the total volume of 6 marbles. Then I divided 48 ÷ 6 = 8 cc to find the volume of 1 marble.

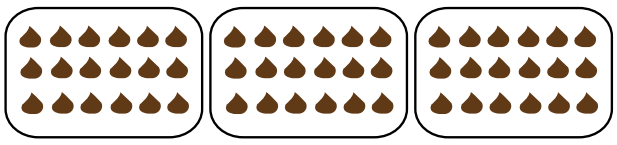
Part 8. Story Solving (TG p. 6)
Questions 1–3

1. **A.** 30 cups

   B. Possible response: There are 8 cups in each 2-quart pitcher. First, Tara added 3 pitchers to the container so I multiplied 3 pitchers × 8 cups = 24 cups. Then she added 6 cups of water so I added 24 cups + 6 cups = 30 cups. The number sentence is 3 × 8 + 6 = 30.

2. 24 cows. Possible response: First I rounded 96 up to 100 by adding 4. Since each cow has 4 legs I thought about what number times 4 will equal 100. Since 25 × 4 = 100, I know 25 cows will have 100 legs. I have to take 1 cow away since I added 4 legs to start, so there are 24 cows.

3. Possible response: I have 3 boxes of chocolates. Each box has 18 candies in it. How many candies in all?



Name _____ Date _____

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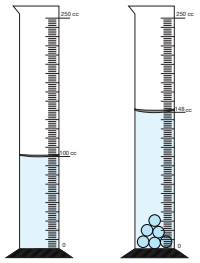

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Name _____ Date _____

Part 8 Story Solving

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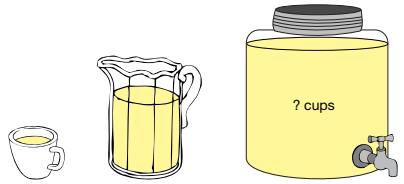

1 Cup 2 quarts

B. Show or tell how you found the volume of the large container. Include a number sentence in your explanation.

2. Josh wrote a number mystery about his visit to the farm. Solve Josh's number mystery. Show or tell how you found the answer.

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