Name _____ Date _____

Unit 10: Home Practice

Part 1 Triangle Flash Cards: Square Numbers

Study for the quiz on the multiplication facts for the square numbers. Take home your *Triangle Flash Cards: Square Numbers* 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 largest number. Solve a multiplication fact with the two uncovered numbers. Your teacher will tell you when the quiz on the square numbers will be.

Part 2 Using Addition and Subtraction Strategies

Choose an efficient method to solve these problems. Check to see if your answer is reasonable. Use the *Addition Strategies Menu* and *Subtraction Strategies Menu.*

1. A. 34 + 28 = _____ **B.** 42 – 39 = _____

C. 856 + 398 = _____ **D.** 519 – 378 = _____

E. Show how you decided your answer was reasonable for Question 1D.

2. Jillian had forty-six animal cards in her collection. Her mother gave her 16 more cards for her birthday. How many cards does Jillian have in her collection now? Use two different methods to solve this problem.

A. First Method B. Second Method

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Part 3 More Addition and Subtraction Practice

Choose an efficient method to solve these problems. Check to see if your answers are reasonable. Use the *Addition Strategies Menu* and *Subtraction Strategies Menu.*

1. A. 60 – 38 = _____

B. 28 + 17 + 13 = _____

C.
$$\begin{array}{r} 92 \\ -\ 78 \\ \hline \end{array}$$

D. 35 + 25 + 19 = _____

E. 180 – 90 = _____

F. 46 + 38 + 54 = _____

G. Explain a way to solve Question 1A in your head.

2. Bill makes $2.50 a week helping his grandmother. How much will he make in 3 weeks? Show or tell how you found your answer.

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Name _____ Date _____

Part 4 Buttons for Costumes

1. A. Mrs. Estrada is making costumes for her son's class party. She needs 10 buttons for each costume. Complete the data table.

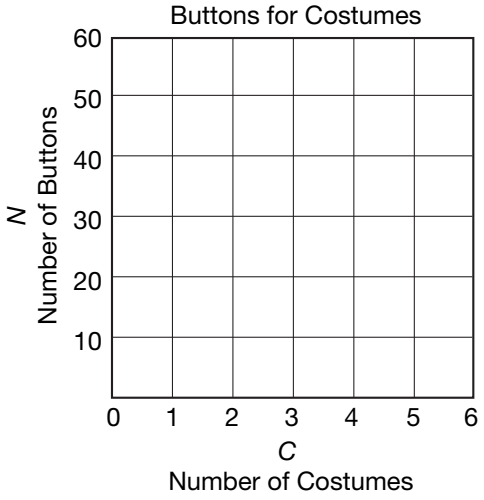
B. Use the data table to complete the graph.

Buttons Data Table

C Number of Costumes	*B* Number of Buttons
1	10
2	
4	

2. A. Use dotted lines to show how you can use the graph to find the number of buttons needed for 6 costumes.

B. Use the graph to show how you can find the number of costumes she can complete with 30 buttons.



Part 5 More Costumes

1. Mrs. Estrada needs 2 yards of fabric for each costume. Complete the table.

Fabric for Costumes

C Number of Costumes	*Y* Number of Yards
1	
2	
4	

2. Mrs. Estrada needs to purchase fabric and buttons to make the costumes. Buttons cost 10¢ each and fabric is $2.00 a yard. Mrs. Estrada has $35.00 to spend. Will Mrs. Estrada have enough to make 4 costumes? Show or tell how you decided.

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Unit 10: Home Practice

Part 1 Triangle Flash Cards: Square Numbers

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Part 2 Using Addition and Subtraction Strategies

Choose an efficient method to solve these problems. Check to see if your answer is reasonable. Use the *Addition Strategies Menu* and *Subtraction Strategies Menu.*

1. **A.** 34 + 28 = _____ **B.** 42 – 39 = _____

   C. 856 + 398 = _____ **D.** 519 – 378 = _____

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2. Jillian had forty-six animal cards in her collection. Her mother gave her 16 more cards for her birthday. How many cards does Jillian have in her collection now? Use two different methods to solve this problem.

   A. First Method B. Second Method

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Name _____ Date _____

Part 3 More Addition and Subtraction Practice

Choose an efficient method to solve these problems. Check to see if your answers are reasonable. Use the *Addition Strategies Menu* and *Subtraction Strategies Menu.*

1. **A.** 60 – 38 = _____ **B.** 28 + 17 + 13 = _____

   C. 92 − 78 **D.** 35 + 25 + 19 = _____

   E. 180 – 90 = _____ **F.** 46 + 38 + 54 = _____

   G. Explain a way to solve Question 1A in your head.

2. Bill makes $2.50 a week helping his grandmother. How much will he make in 3 weeks? Show or tell how you found your answer.

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Home Practice
Part 2. Using Addition and Subtraction Strategies (TG p. 1)
Questions 1–2

1. **A.** 62

   B. 3

   C. 1254

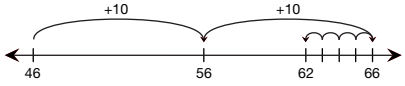
   D. 141

   E. Possible response: I rounded 519 to 520 and 378 to 380 and subtracted to get 140. That is close to 141.

2. Strategies may vary.

   A.
   $$\begin{array}{r} 46 \\ +\,16 \\ \hline 50 \\ +\,12 \\ \hline 62 \end{array}$$

   B.



Part 3. More Addition and Subtraction Practice (TG p. 2)
Questions 1–2

1. **A.** 22

   B. 58

   C. 14

   D. 79

   E. 90

   F. 138

   G. Possible respose: First I subtracted $60 - 30 = 30$, then I subtracted $30 - 8 = 22$

2. $7.50; $2.50 for 3 weeks is similar to counting by 25s: 25, 50, 75.

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Part 4. Buttons for Costumes (TG p. 3)
Questions 1–2

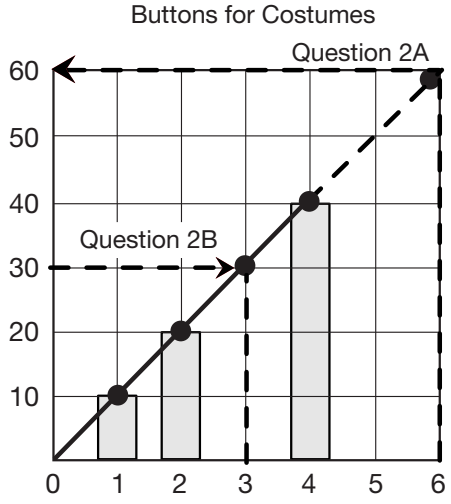
1. A.

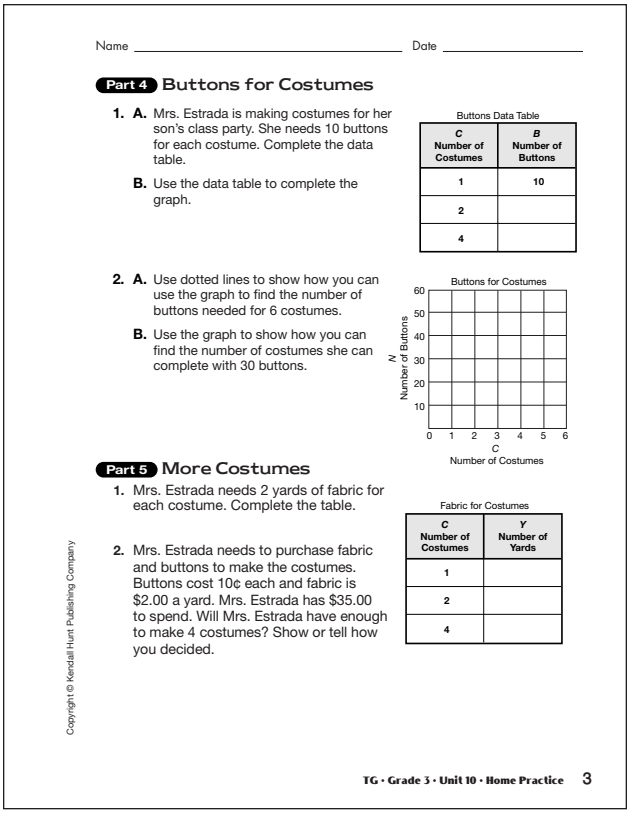
Buttons Data Table

C Number of Costumes	*B* Number of Buttons
1	10
2	20
4	40

B. See Question 2.

2. A–B.





Name _____ Date _____

Part 4 Buttons for Costumes

1. A. Mrs. Estrada is making costumes for her son's class party. She needs 10 buttons for each costume. Complete the data table.

B. Use the data table to complete the graph.

Buttons Data Table

C Number of Costumes	*B* Number of Buttons
1	10
2	
4	

2. A. Use dotted lines to show how you can use the graph to find the number of buttons needed for 6 costumes.

B. Use the graph to show how you can find the number of costumes she can complete with 30 buttons.

Buttons for Costumes

N Number of Buttons

60 50 40 30 20 10

0 1 2 3 4 5 6

C Number of Costumes

Part 5 More Costumes

1. Mrs. Estrada needs 2 yards of fabric for each costume. Complete the table.

2. Mrs. Estrada needs to purchase fabric and buttons to make the costumes. Buttons cost 10¢ each and fabric is $2.00 a yard. Mrs. Estrada has $35.00 to spend. Will Mrs. Estrada have enough to make 4 costumes? Show or tell how you decided.

Fabric for Costumes

C Number of Costumes	*Y* Number of Yards
1	
2	
4	

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Part 5. More Costumes (TG p. 3)
Questions 1–2

1.

Fabric for Costumes

C Number of Costumes	*Y* Number of Yards
1	2
2	4
4	8

2. Yes.
40 buttons × 10¢ = $4;
8 yards × $2 = $16
$4 + $16 = $20

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