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## Unit 2: Home Practice

### Part 1 Addition Flash Cards: Group C

Take home your Triangle Flash Cards: Group C. Ask a family member to choose one flash card at a time for you to solve. Sort the flash cards into three piles: Facts I Know Quickly, Facts I Can Figure Out, and Facts I Need to Learn. Update your *Addition Facts I Know* chart. Clip the cards in the Facts I Know Quickly pile together and place them back into the envelope. Practice the facts in the last two piles again.

### Part 2 Make Ten or Use Ten

1. Complete each number sentence. Circle the part that makes ten.

Example:  $(8 + 2) + 1 = 11$

A.  $9 + 1 + 4 = \square$

B.  $7 + 3 + 4 = \square$

C.  $7 + 5 = (7 + \square) + \square$

D.  $5 + 5 + 1 = \square$

2. Is each number sentence true or false?

A.  $3 + 6 = 6 + 4 - 1$  \_\_\_\_\_ True or False

B.  $7 + 2 = 2 + 7$  \_\_\_\_\_ True or False

C.  $7 + 2 = 7 + 3 + 1$  \_\_\_\_\_ True or False

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### Part 3 Trade Coins

Use coins or ten frames.

1. Frank has 34 pennies in his piggy bank. He trades as many as he can for dimes and nickels.

A. How many dimes will he have? \_\_\_\_\_

B. How many nickels? \_\_\_\_\_

C. How many pennies left over? \_\_\_\_\_

2. Ana has 26 pennies. She trades as many as she can for dimes and nickels.

A. How many dimes will she have? \_\_\_\_\_

B. How many nickels? \_\_\_\_\_

C. How many pennies left over? \_\_\_\_\_

3. Roberto has 47 pennies. He trades for dimes and nickels.

A. Show his coins.

B. Roberto found 3 more pennies. He made another trade. Draw his coins now.

C. How much money does he have in all?

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### Part 2. Make Ten or Use Ten (TG p. 1) Questions 1–2

1. A.  $(9 + 1) + 4 = 14$

B.  $(7 + 3) + 4 = 14$

C.  $7 + 5 = (7 + 3) + 2$

D.  $(5 + 5) + 1 = 11$

2. A. True  
B. True  
C. False

### Part 3. Trade Coins (TG p. 2) Questions 1–3

1. A. 3 dimes  
B. 0 nickels  
C. 4 pennies
2. A. 2 dimes  
B. 1 nickel  
C. 1 penny

3. A. Responses may vary. Possible response:



B. Responses may vary. Possible response:



C. 50¢

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Part 4. Rule Machines (TG p. 3)

Rule: Add 7		
Number	Split 7	Number Sentence
4	6 + 1	$(4 + 6) + 1 = 11$
8	2 + 5	$(8 + 2) + 5 = 15$
6	4 + 3	$(6 + 4) + 3 = 13$
9	1 + 6	$(9 + 1) + 6 = 16$
5	5 + 2	$(5 + 5) + 2 = 11$

Rule: Add 8		
Number	Split 8	Number Sentence
5	5 + 3	$(5 + 5) + 3 = 13$
8	2 + 6	$(8 + 2) + 6 = 16$
6	4 + 4	$(6 + 4) + 4 = 14$
9	1 + 7	$(9 + 1) + 7 = 17$
4	6 + 2	$(4 + 6) + 2 = 12$

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**Part 4 Rule Machines**  
Use a number line, ten frames, or a 200 Chart. Solve each problem. Write a number sentence that shows your solution. Circle how you made ten in your number sentence.

Rule: Add 7		
Number	Split 7	Number Sentence
4	6 + 1	$(4 + 6) + 1 = 11$
8		
6		
9		
5		

Rule: Add 8		
Number	Split 8	Number Sentence
5	5 + 3	$(5 + 5) + 3 = 13$
8		
6		
9		
4		

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Part 5. More Rule Machines (TG p. 4)

Rule: Subtract 5	
Number	Number Sentence
15	$15 - 5 = 10$
18	$18 - 5 = 13$
19	$19 - 5 = 14$
14	$14 - 5 = 9$

Rule: Subtract 10	
Number	Number Sentence
15	$15 - 10 = 5$
18	$18 - 10 = 8$
16	$16 - 10 = 6$
19	$19 - 10 = 9$

Rule: Subtract 9	
Number	Number Sentence
15	$15 - 9 = 6$
18	$18 - 9 = 9$
16	$16 - 9 = 7$
19	$19 - 9 = 10$

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**Part 5 More Rule Machines**  
Solve each problem. Follow the example.

Rule: Subtract 5	
Number	Number Sentence
15	$15 - 5 = 10$
18	
19	
14	

Rule: Subtract 10	
Number	Number Sentence
15	
18	
16	
19	

Rule: Subtract 9	
Number	Number Sentence
15	
18	
16	
19	

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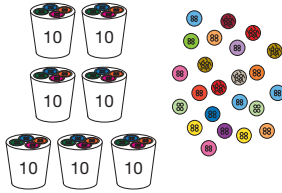
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**Part 6 How Many Buttons**

**Finish grouping and counting the buttons. Use buttons and cups or draw a picture.**

- Nila had not finished all her grouping and counting. She had 7 cups with 10 buttons in each and 23 loose buttons.



How many buttons did she have in all? \_\_\_\_\_

How many groups of 100? \_\_\_\_\_

How many groups of ten? \_\_\_\_\_

How many leftover buttons? \_\_\_\_\_

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**Part 6. How Many Buttons (TG p. 5–6)  
Questions 1–2**

- 93 buttons  
no groups of 100  
9 groups of 10  
3 leftover buttons
- 148 buttons  
1 group of 100  
4 groups of 10  
8 leftover buttons

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- Shannon had 11 cups with 10 buttons in each and 38 buttons that were not in cups.



How many buttons did she have in all? \_\_\_\_\_

How many groups of 100? \_\_\_\_\_

How many groups of ten? \_\_\_\_\_

How many leftover buttons? \_\_\_\_\_

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