

Name _____ Date _____

Putting Together and Taking Apart

Use connecting cubes to build each number two ways. Complete the tables.

- | Number | Tens | Ones | Number Sentence |
|--------|------|------|-----------------|
| 48 | | | |
| 48 | | | |
- | Number | Tens | Ones | Number Sentence |
|--------|------|------|-----------------|
| | 5 | 0 | |
| | 3 | 20 | |
- | Number | Tens | Ones | Number Sentence |
|--------|------|------|-----------------|
| 35 | | | $30 + 5 = 35$ |
| 35 | | | $20 + 15 = 35$ |
- Is $10 + 25 = 20 + 15$ a true number sentence? Show or tell how you know.

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Assessment Master TG • Grade 2 • Unit 5 • Lesson 4 |

Teacher Guide - Page 1

Name _____ Date _____

Putting Together and Taking Apart

Feedback Box

Expectation	Check In	Comments
E1 Represent quantities (to the hundreds) using connecting cubes and symbols. (Q# 1–3)		
E2 Compose and decompose numbers using ones, tens, and hundreds. (Q# 1–3)		
E3 Show different partitions of numbers using connecting cubes and number sentences. (Q# 1–3)		
E5 Read and write numbers to the hundreds. (Q# 1–3)		
E6 Make connections between place value concepts and representations of numbers with connecting cubes and number sentences. (Q# 1–3)		
E7 Recognize that different partitions of a number have the same total. (Q# 4)		

MP.6. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. (Q# 1–4)

Yes...	Yes, but...	No, but...	No...

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2 TG • Grade 2 • Unit 5 • Lesson 4 Assessment Master

Teacher Guide - Page 2

Teacher Guide

Putting Together and Taking Apart (TG pp. 1–2) Questions 1–4

1. Possible response:

Number	Tens	Ones	Number Sentence
48	4	8	$40 + 8 = 48$
48	3	18	$30 + 18 = 48$

2.

Number	Tens	Ones	Number Sentence
50	5	0	$50 + 0 = 50$
50	3	20	$30 + 20 = 50$

3.

Number	Tens	Ones	Number Sentence
35	3	5	$30 + 5 = 35$
35	2	15	$20 + 15 = 35$

4. Yes, $10 + 25 = 20 + 15$ is a true number sentence.

Possible response: I know because there are 3 tens on the left side of the equal sign and 3 tens on the right side of the equal sign. There are 5 ones on the left side of the equal sign and 5 ones on the right side.

Building More Numbers (TG pp. 1–2)
Homework
Questions 1–7

1.

Number	Tens	Ones	Number Sentence
50	5	0	$50 + 0 = 50$
50	4	10	$40 + 10 = 50$

2.

Number	Tens	Ones	Number Sentence
45	4	5	$40 + 5 = 45$
45	2	25	$20 + 25 = 45$

3. Possible response:

Number	Tens	Ones	Number Sentence
86	8	6	$80 + 6 = 86$
86	6	26	$60 + 26 = 86$

4.

Number	Tens	Ones	Number Sentence
75	7	5	$70 + 5 = 75$
75	5	25	$50 + 25 = 75$

5.

Number	Tens	Ones	Number Sentence
64	6	4	$60 + 4 = 64$
64	5	14	$50 + 14 = 64$

6.

Number	Hundreds	Tens	Ones	Number Sentence
125	1	2	5	$100 + 20 + 5 = 125$
125	1	1	15	$100 + 10 + 15 = 125$

7.

Number	Hundreds	Tens	Ones	Number Sentence
152	1	5	2	$100 + 50 + 2 = 152$
152	1	4	12	$100 + 40 + 12 = 152$

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Building More Numbers

Homework

Complete the tables to show how each number can be built with tens and ones in two different ways. Write a number sentence for each way. You can use dimes, pennies, or other counters.

Example:

Number	Tens	Ones	Number Sentence
23	2	3	$20 + 3 = 23$
23	1	13	$10 + 13 = 23$

1.

Number	Tens	Ones	Number Sentence
50	5	0	$50 + 0 = 50$
50		10	

2.

Number	Tens	Ones	Number Sentence
45			$40 + 5 = 45$
45			$20 + 25 = 45$

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Teacher Guide - Page 1

Name _____ Date _____

3.

Number	Tens	Ones	Number Sentence
86			
86			

4.

Number	Tens	Ones	Number Sentence
	7	5	
	5	25	

5.

Number	Tens	Ones	Number Sentence
	6	4	
	5	14	

6.

Number	Hundreds	Tens	Ones	Number Sentence
125				$100 + 20 + 5 = 125$
125				$100 + 10 + 15 = 125$

7.

Number	Hundreds	Tens	Ones	Number Sentence
152		5		
152			12	

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2 TG • Grade 2 • Unit 5 • Lesson 4 Homework Master

Teacher Guide - Page 2