Understanding Place Value: Representing Tens and Ones

Objective: Represent one- and two-digit numbers using manipulatives and tell how many tens and ones are in a two-digit number.

Directions: For each number, have students draw (with tallies, stars, circles) or use manipulatives. Draw a circle around each group of ten, or otherwise mark to show a group of ten. Then write how many tens and ones are in the number.

Number	Count	Tens	Ones
Example 13	美景景景景	1	3
18			



Number	Count	Tens	Ones
11			
22			
17			

Understanding Place Value: Representing Tens and Ones—Scaffolded

Objective: Represent one- and two-digit numbers using representations and tell how many tens and ones are in a two-digit number.

Directions: For each number, have students tally or shade in squares that represent ones in the box provided, while counting. The squares are organized in groups of tens. Use the representations to determine how many tens and ones are in the number.

Number	Count	Tens	Ones
Example		4	
13		1	3
18			



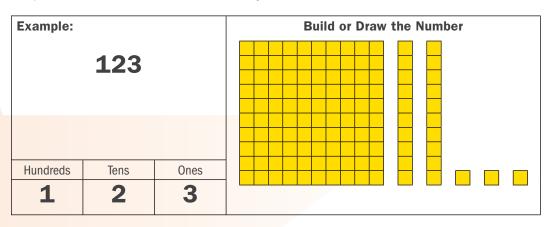
Number	Count	Tens	Ones
22			
17			
26			

Number	Count	Tens	Ones
35			
27			
31			

Understanding Place Value: Using Base-10 Blocks

Objective: Represent three-digit numbers as flats, rods, and units and tell how many hundreds, tens, and ones are in a three-digit number. Count flats, rods, and units to determine what three-digit number is being displayed.

Directions: Use flats (hundreds), rods (tens), and units (ones) to build the number or draw a representation in the box. Write how many hundreds, tens, and ones are in each number.



219			Build or Draw the Number
Hundreds	Tens	Ones	





Example:		Build or Draw the Number
495		
Tens	Ones	

		Build or Draw the Number
572		
Tens	Ones	

Example:			Build or Draw the Number
	314		
Hundreds	Tens	Ones	

Example:			Build or Draw the Number
	231		
Hundreds	Tens	Ones	

Example:			Build or Draw the Number
105			
Hundreds	Tens	Ones	

Understanding Place Value: Using Base-10 Blocks—Scaffolded

Objective: Represent three-digit numbers as flats, rods, and units and tell how many hundreds, tens, and ones are in a three-digit number. Count flats, rods, and units to determine what three-digit number is being displayed.

Directions: Count and write the number of hundreds, tens, and ones. Then write the number that is represented by the blocks.

Hundreds	Tens	Ones	Number
			111
1	1	1	



Hundreds	Tens	Ones	Number

Understanding Place Value: Comparing Two-Digit Numbers

Objective: Compare two two-digit numbers using the symbols < = >.

Directions: Write the two numbers in the tables provided and compare the two numbers using the symbols <=>.

Greater than	Less than	Equal to
>	<	=

Example: 54 and 82

Tens	Ones
5	4
8	2

Compare: _____**54 < 82**

1. 36 and 22

Tens	Ones

Compare: _____

2. 14 and 12

Tens	Ones

Compare:

3. 26 and 22

Tens	Ones

Compare: _____

		5. 86 and 81	
Tens	Ones	Tens	Ones
ompare:		Compare:	
6. 65 and 52		7. 18 and 12	
Tens	Ones	Tens	Ones
Compare:		Compare:	
3. 36 and 35		9. 45 and 43	
Tens	Ones	Tens	Ones
Compare:		Compare:	
10. 84 and 82		11 . 26 and 22	
Tens	Ones	Tens	Ones
Compare:		Compare:	
12. 97 and 99		13. 47 and 74	

14. 63 and 66

Tens	Ones

Compare: _____

15. 59 and 60

Tens	Ones

Compare: _____