

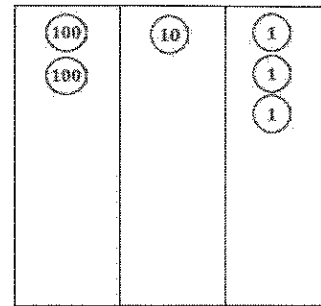
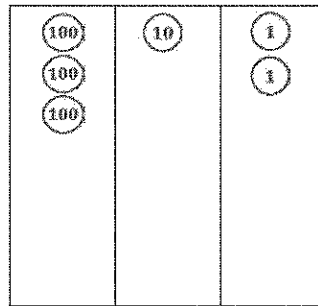
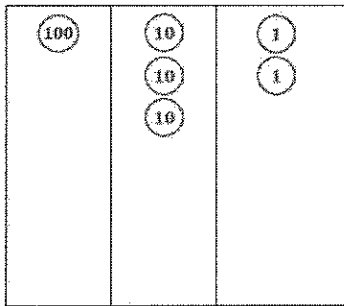
G2-M3-Lesson 16

1. Draw the following numbers using place value disks on the place value charts. Answer the questions below.

a. 132

b. 312

c. 213



Drawing the numbers with disks on the place value chart makes it easy to compare them.

- d. Order the numbers from least to greatest: 132, 213, 312

Hundreds are the biggest unit here, and 312 has more hundreds than the other numbers. 132 is the smallest number because it only has 1 hundred.

You could also compare all the tens in each number. 132 has 13 tens, 213 has 21 tens, and 312 has 31 tens.

2. Circle *less than* or *greater than*. Whisper the complete sentence.

a. $300 + 60 + 5$ is less than / greater than 635.

b. 4 tens and 2 ones is less than / greater than 24.

$300 + 60 + 5 = 365$. 365 is less than 635 because it only has 3 hundreds. 635 has 6 hundreds. I could also think of it as 36 tens is less than 63 tens.

In this problem, tens are the greatest unit. 4 tens and 2 ones equals 42. 42 is greater than 24 because it has 4 tens, and 24 only has 2 tens. I could also think of it as 40 is greater than 20.

3. Write $>$, $<$, or $=$. Whisper the complete number sentences as you work.

a. $419 < 491$

Place value helps me compare the numbers, especially when the digits are all the same. Both numbers have 4 hundreds, so I'm careful to notice which digit is in the tens place. 1 ten is less than 9 tens, so 419 is less than 491.

b. $908 < \text{nine hundred eighty}$

980

When the problems are written in word form or unit form, I just rewrite them in standard form. Then, it's easy to see the digits in their places. 908 is less than 980. The hundreds are the same, but 0 tens is less than 8 tens.

c. $4 \text{ tens } 2 \text{ ones } = 30 + 12$

42

4 tens 2 ones equals 42, and $30 + 12 = 42$. That's easy! 42 equals 42.

d. $36 - 10 > 2 \text{ tens } 5 \text{ ones}$

25

$36 - 10 = 26$. 2 tens 5 ones equals 25. 26 is greater than 25.