

# Homework/Extension

## Step 7: Comparing Objects

### National Curriculum Objectives:

Mathematics Year 3: (3N2a) [Compare and order numbers up to 1000](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Make a comparative statement correct by adding or taking away manipulatives, using an equality symbol and numbers up to 1,000 which are represented in Base 10 blocks only.

**Expected** Make a comparative statement correct by adding or taking away manipulatives, using an equality symbol and numbers up to 1,000 which are represented in Base 10 blocks and place value counters.

**Greater Depth** Make a comparative statement correct by adding or taking away manipulatives, using an equality symbol and numbers up to 1,000 which are represented in mixed manipulatives with some unconventional partitioning.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Order a set of numbers, using numbers up to 1,000 which are represented in Base 10 blocks only and using comparative language.

**Expected** Order a set of numbers, using numbers up to 1,000 which are represented in Base 10 blocks and place value counters and using comparative language.

**Greater Depth** Order a set of numbers, using numbers up to 1,000 which are represented in mixed manipulatives with some unconventional partitioning and using comparative language.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Explain whether a comparative statement is true or false, using numbers up to 1,000 which are represented in Base 10 blocks only.

**Expected** Explain whether a comparative statement is true or false, using numbers up to 1,000 which are represented in Base 10 blocks and place value counters.

**Greater Depth** Explain whether a comparative statement is true or false, using numbers up to 1,000 which are represented in mixed manipulatives with some unconventional partitioning.

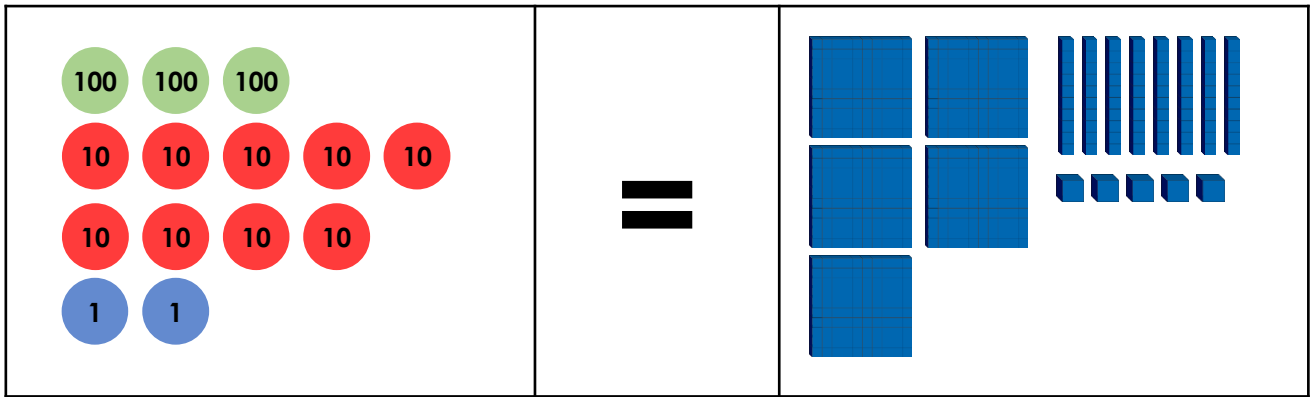
More [Year 3 Place Value](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

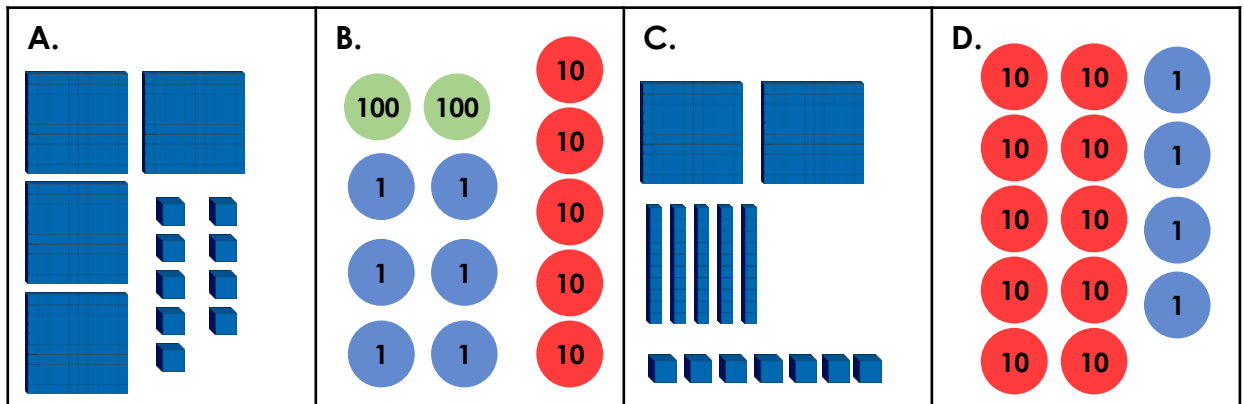


## Comparing Objects

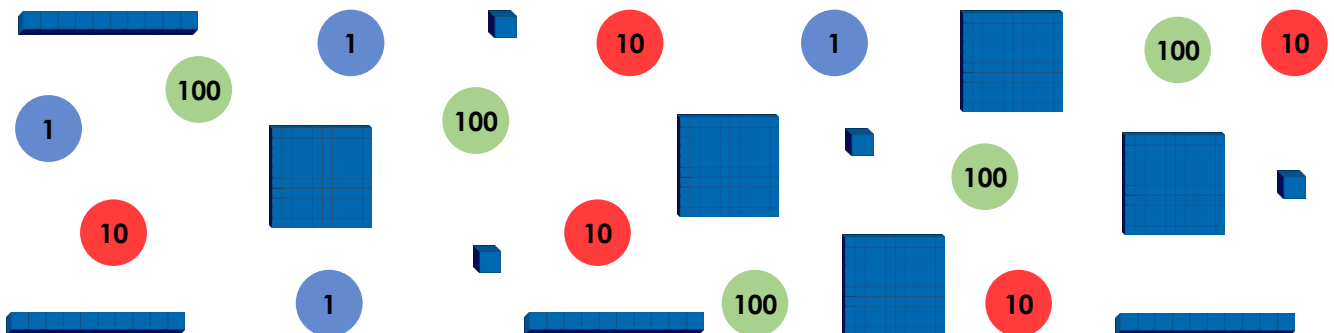
**4. Which place value counters need to be added or taken away to make the statement correct?**

VF  
HW/Ext

**5. Order the representations below from smallest to largest.**

VF  
HW/Ext

**6. True or false? The same number is represented by both the place value counters and the Base 10 blocks.**

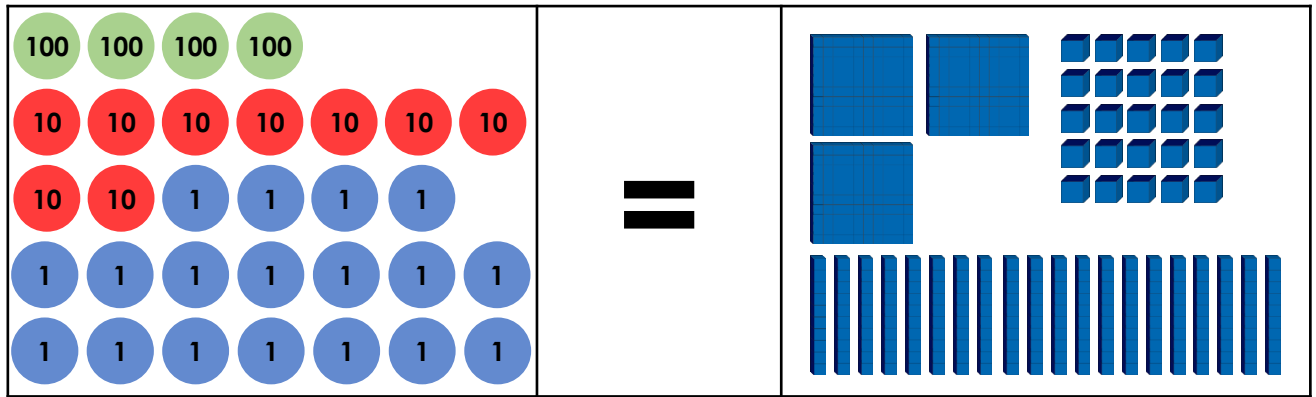


**Explain how you know.**

RPS  
HW/Ext

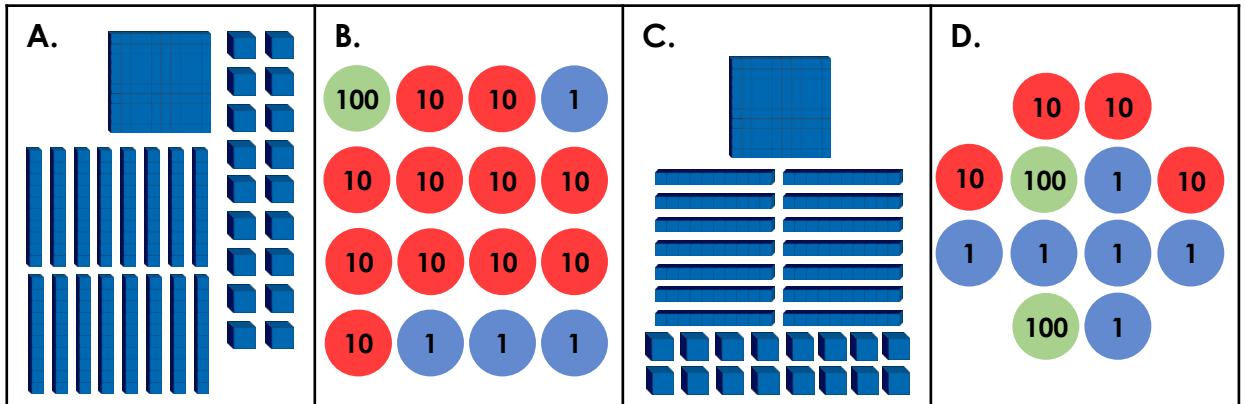
# Comparing Objects

7. Which place value counters need to be added or taken away to make the statement correct?



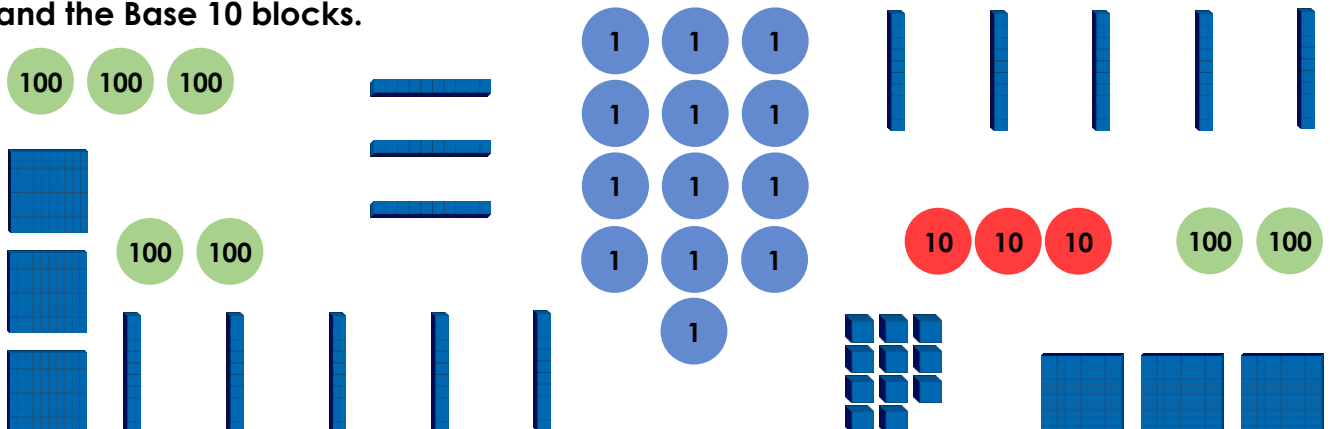
VF  
HW/Ext

8. Order the representations below from smallest to largest.



VF  
HW/Ext

9. True or false? The same number is represented by both the place value counters and the Base 10 blocks.



Explain how you know.



RPS  
HW/Ext

## Homework/Extension

### Comparing Objects

#### Developing

1. Add 1 hundreds block, add 3 tens blocks and subtract 3 ones blocks.
2. C, B, A
3. False because the light Base 10 blocks = 433 and the dark Base 10 blocks = 233 so the light Base 10 are greater by 200.

#### Expected

4. Add 2 hundreds counters, subtract 1 tens counter and add 3 ones counters.
5. D, B, C, A
6. False because the Base 10 blocks = 544 and the place value counters = 554 so the place value counters are greater by 10.

#### Greater Depth

7. Add 1 tens counter and 7 ones counters or add 17 ones counters.
8. B, D, C, A
9. False because the Base 10 blocks = 741 and the place value counters = 743 so the place value counters are greater by 2.