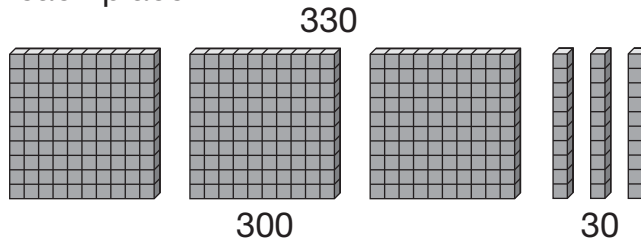


# Place Value Relationships

In the number 330, what is the relationship between the value of the digit 3 in each place?



The first 3 is in the hundreds place.  
Its value is 300.

The second 3 is in the tens place.  
Its value is 30.

Since 300 is ten times as great as 30, the first 3 is worth 10 times as much as the second 3. When two digits next to each other in a number are the same, the one on the left is always 10 times as great as the one on the right.

Name the values of the given digits in the numbers below.

1. the 4s in 440 \_\_\_\_\_                      2. the 8s in 8,800 \_\_\_\_\_

Write the relationship between the values of the given digits.

3. the 6s in 660

\_\_\_\_\_

4. the 8s in 8,800

\_\_\_\_\_

5. **Reason** In the number 550, is the value of the 5 in the tens place ten times greater than the value of the 5 in the hundreds place? Explain why or why not.

\_\_\_\_\_

6. **Reason** Is the relationship between the 6s in 664 and 668 different in any way? Explain why or why not.

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