



# Place Value Investigation

Name: \_\_\_\_\_ Date: \_\_\_\_\_

- Choose three different digits and write them into the boxes below.

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|  |  |  |
|--|--|--|

How many 1-digit numbers can you make with these digits? Write them here...

How many 2-digit numbers can you make with these digits? Write them here...

How many 3-digit numbers can you make with these digits? Write them here...

How many numbers did you make altogether?

How do you know that you've found them all?

How about if one of the digits was a zero?

How about if two of the digits were the same?

How about using four digits?

Choose one of these questions to investigate.