

# MATH CENTERS

## Placing the M & M's

**THE KEY TO M&M'S**

M&M's Key (or Legend)

- Hundred-Thousands
- Ten-Thousands
- Thousand
- Hundred
- Ten
- One

**AN EXAMPLE**

1 = 100,000  
2 = 20,000  
3 = 3,000  
1 = 100  
1 = 10  
1 = 1  
= 123,111

**PLACING THE M&M'S**

19

26

27

2



Created By The Owl Teacher

# THE TEACHER'S PAGE

This math center activity is a great way for your students to practice the following skills:

- Place Value to the hundred-thousands
- Expanded Form
- Multiplying by groups of 10
- Adding large numbers (groups of 10)
- Using a key/legend
- Paying attention to details

To use this center, you can print the color materials or the black and white materials. (If you choose to print the black and white materials, you will want to make sure that you use a marker to color in the different M&M's.) After printing, I strongly suggest laminating the materials for durability and repeated future use.

There are 36 cards, a place value chart for students to record tally marks or to use for recording the expanded form and adding up the answer, and a recording sheet to record the actual answer on. Additionally there is a key/legend that helps students see what each color M&M represents and an example on how to find the value of the handful. I have included the answer key for students to self-check at the end.

On each card, students will have a hand full of M&M's. Each color of M&M's represent a place value. For instance, the red represents 100,000 and the blue would represent 10,000. A student then would determine the total value of M&M's in the hand. In this case, if the hand had 4 reds and 7 blues, it would have a value of 470,000. This provides students with the opportunity to practice multiplying by tens ( $4 \times 100,000$  and  $7 \times 10,000$ ) and expanded form (along with mental math/addition)  $400,000 + 70,000 = 470,000$ .

If you see anything that needs to be modified, please let me know. I work hard to make sure my products are to you and your students' satisfaction.

Thank you for your purchase and I hope your students enjoy this activity!



# THE KEY TO M&M'S



Hundred-Thousands



Ten-Thousands



Thousand



Hundred



Ten



One

## AN EXAMPLE

$$1 \text{ (red m)} = 100,000$$

$$2 \text{ (blue m)} = 20,000$$

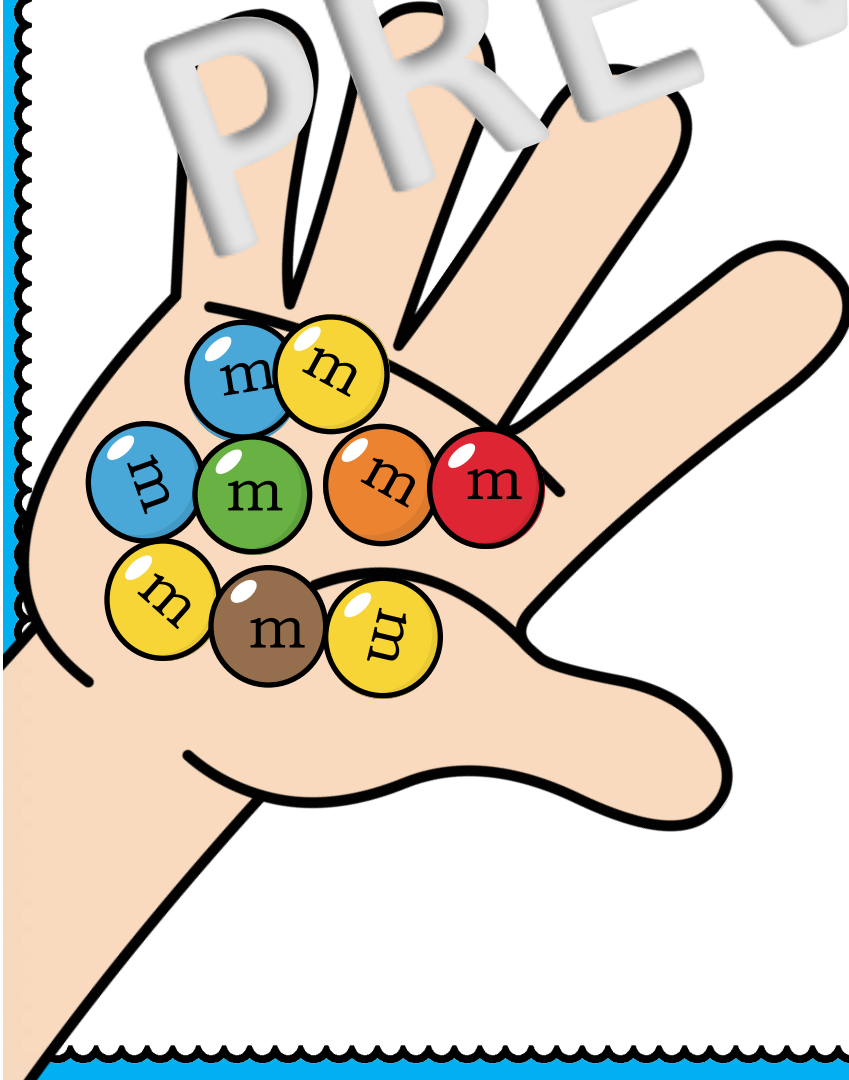
$$3 \text{ (yellow m)} = 3,000$$

$$1 \text{ (green m)} = 100$$

$$1 \text{ (orange m)} = 10$$

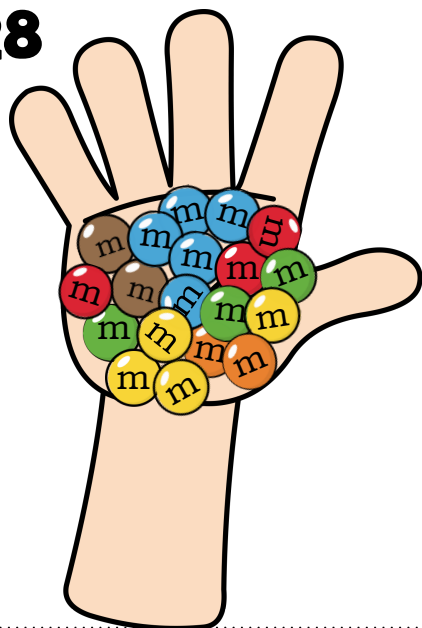
$$1 \text{ (brown m)} = 1$$

$$= 123,111$$

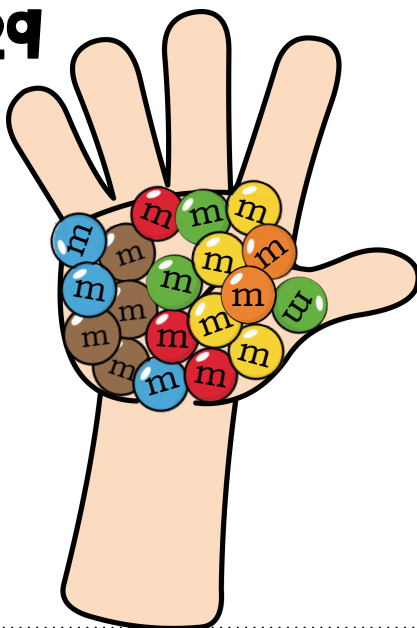




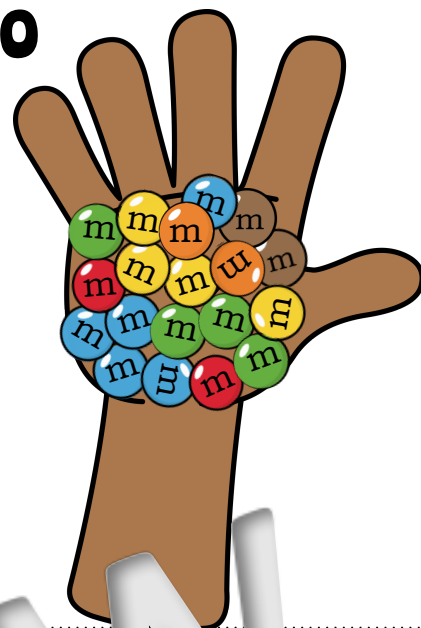
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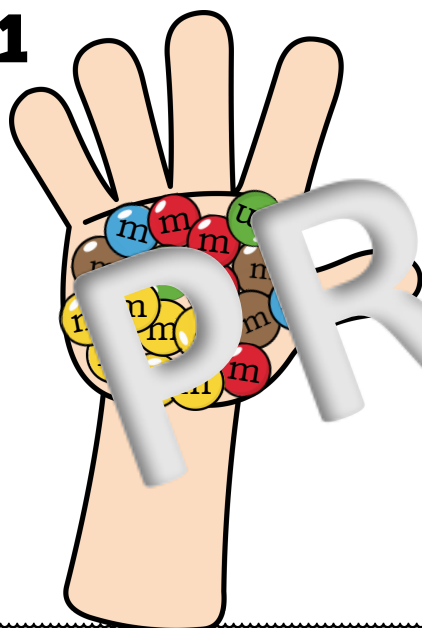
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30



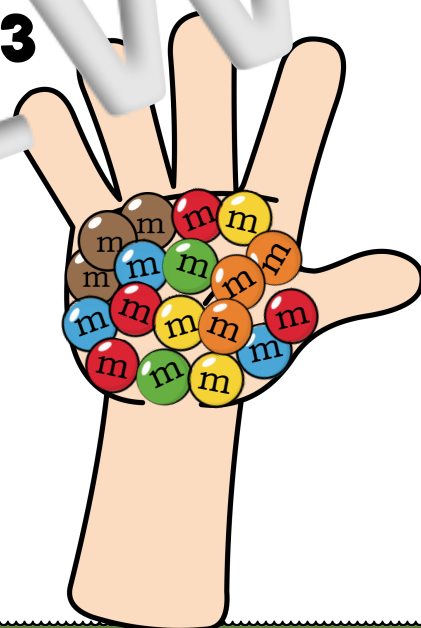
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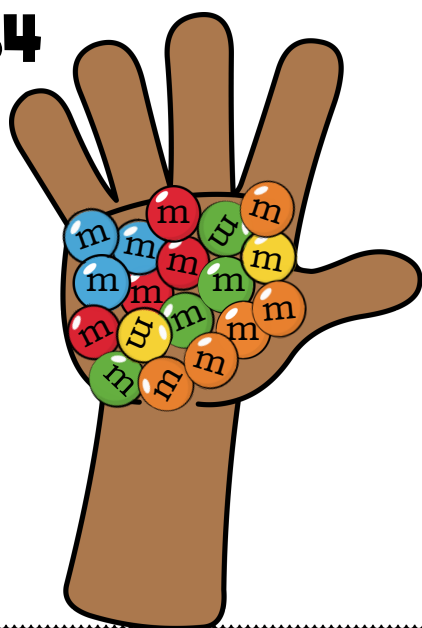
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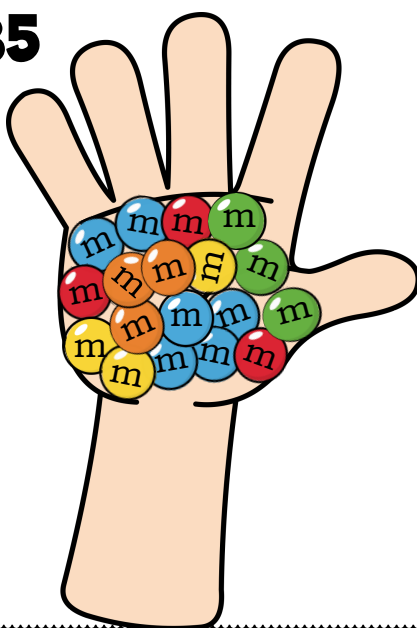
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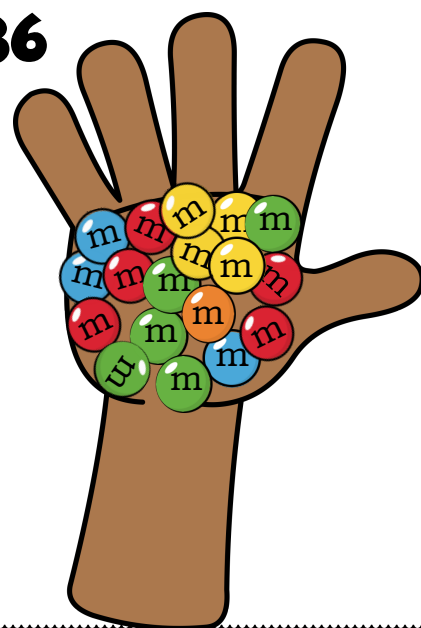
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35









36

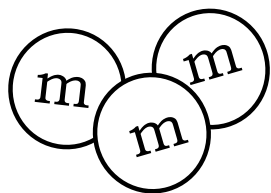




# PLACING THE M&M'S

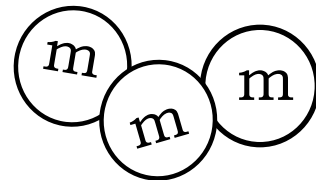
	 Hundred- Thousands
	 Thousands
	 Thousand
	 Hundred
	 Ten
	 One

PREVIEW



# PLACING THE M&M'S

## Student Recording Sheet



1.)	2.)	3.)	4.)
5.)	6.)	7.)	8.)
9.)	10.)	11.)	12.)
13.)	14.)	15.)	16.)
17.)	18.)	19.)	20.)
21.)	22.)	23.)	24.)
25.)	26.)	27.)	28.)
29.)	30.)	31.)	32.)
33.)	34.)	35.)	36.)