

Represent Numbers with Expanded Notation

Example

Type the number **50,710** in the chart below and represent the value of the number with place value discs and expanded notation.

Type		5	0 ,	7	1	0
	HUNDRED THOUSAND	TEN THOUSAND	ONE THOUSAND	HUNDRED	TEN	ONE
Drag Place Value discs here		10,000 10,000 10,000 10,000 10,000		100 100 100 100 100 100 100	10	
Type		+ (5 X 10,000)		+ (7 X 100)	+ (1 X 10)	



100,000

10,000

1,000

100

10

1

Drag a white rectangle over any unused boxes in the bottom row.

MARVELMath

Engaging Practice with Movable Pieces

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REPRESENT NUMBERS

Type the number **50,142** in the chart below and represent the value of the number with place value discs and expanded notation.

Type				,		
	HUNDRED THOUSAND	TEN THOUSAND	ONE THOUSAND	HUNDRED	TEN	ONE
Drag Place Value discs here						
Type	(X 100,000)	+ (X 10,000)	+ (X 1,000)	+ (X 100)	+ (X 10)	+ (X 1)



100,000

10,000

1,000

100

10

1

Drag a white rectangle over any unused boxes in the bottom row.

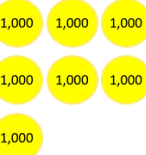
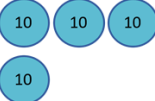
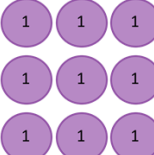
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Students represent numbers with place value discs to understand the use of equal groups in writing expanded notation.

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REPRESENT NUMBERS

Type the number **7,049** in the chart below and represent the value of the number with place value discs and expanded notation.

Type			7	,	0	4	9
	HUNDRED THOUSAND	TEN THOUSAND	ONE THOUSAND	HUNDRED	TEN	ONE	
Drag Place Value discs here							
Type			+ (7 X 1,000)		+ (4 X 10)	+ (9 X 1)	



100,000

10,000

1,000

100

10

1

Drag a white rectangle over any unused boxes in the bottom row.

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MacBook Pro

Video Instructions

Inside the Google Slides Activity

REPRESENT NUMBERS

Type the number **8,053** in the chart below and represent the value of the number with place value discs and expanded notation.

Type	8	1	0	5	3
	TEN THOUSAND	ONE THOUSAND	HUNDRED	TEN	ONE
Drag Place Value discs here					
Type	$+(8 \times 10,000)$	$+(1 \times 1,000)$		$+(5 \times 10)$	$+(3 \times 1)$

Drag a white rectangle over any unused boxes in the bottom row.

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You Will Love This Resource:

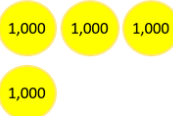
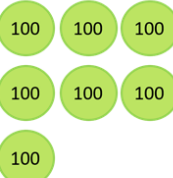
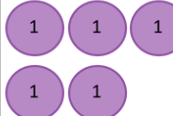
- ✓ **Easy to Assign** to Students in Google Classroom
- ✓ **Moveable Pieces** to Engage Learners
- ✓ Keep or remove Activities to **Fit the Needs of Each Learner**
- ✓ **No Prep:** no Photocopying, Laminating or Cutting

Ways to Use This Resource:

-  **Math Station** – Students can watch the video instructions and complete the activity independently
-  **Whole Class Teaching** – Use the interactive slides to teach this concept during your lesson
-  **Tutoring** – Use the slides for a focused lesson that doesn't need any prep

REPRESENT NUMBERS

Type the number **4,705** in the chart below and represent the value of the number with place value discs and expanded notation.

Type			4 ,	7	0	5
	HUNDRED THOUSAND	TEN THOUSAND	ONE THOUSAND	HUNDRED	TEN	ONE
Drag Place Value discs here						
Type			+ (4 X 1,000)	+ (7 X 100)		+ (5 X 1)



100,000

10,000

1,000

100

10

1

Drag a white rectangle over any unused boxes in the bottom row.

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Fun & Engaging Practice Student Enjoy!

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This resource is included in these

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Unit

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