

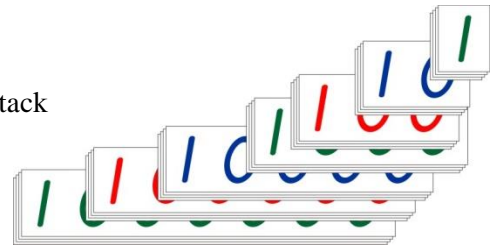
Millions Numeral Cards & Grids

Contents

1. Instructions
2. Introductory exercise
3. Four additional pages of cards (millions, hundred thousands, ten thousands, thousands, hundreds, tens, and units). Also spare tens and units for replacement of pieces. Hierarchies are organized to fit the fewest number of pages requiring lamination:
 - millions and units
 - hundred thousands and tens
 - ten thousands and hundreds
 - thousands and spare tens and units
4. Reproducible billions grid for teacher/student extensions

Instructions

1. Set aside the instructions and grids and laminate the remaining pages.
2. Cut the cards on the introductory lesson and store separately.
3. Cut remaining cards. Organize all hierarchies from 1 to 9. You may stack each and secure with rubber bands, or you may stack all together with the longest millions on the bottom and the shortest units on top and secure the entire stack with a couple of rubber bands



Introduction

Guide the student in discovering that one unit, one thousand, and one million are green; ten and ten thousands are blue; hundred and hundred thousand are red. Make sure student understands the names and can identify place value of each.

Presentation of other cards

1000000	100000	10000	1000	100	10	1
2000000	200000	20000	2000	200	20	
3000000	300000		3000	300	30	3
	400000	40000	4000	400	40	4
5000000	500000	50000		500	50	5
6000000	600000	60000	6000	600	60	6
7000000	700000	70000	7000		70	7
8000000		80000	8000	800	80	8
9000000	900000	90000	9000	900		9

Have students lay out all the cards with the millions on the left and the units on the right.

To compose a number, select the appropriate cards and superimpose smaller hierarchies over the larger ones and align to the right as shown.

4000000 800000 30000 5000 700 90 2

4835792

$$4,000,000 + 800,000 + 30,000 + 5,000 + 700 + 90 + 2 =$$

$$4,835,792$$

Grids

The grids may be photocopied for student or teacher extensions.