

## Place Value Strips

Page 5 is for use with Decimals to the Tenth, Page 6 to 100ths, Page 7 to the 1000s, Page 8 is simply for use as Ones without decimals. Print and cut out the desired decimal level that is needed. At preschool, I would start off with whole numbers and units first. When working with currency, then add in the decimals.

At preschool Level, simply place the cut out numbers 0-9 (Page 8) in a bag or bowl. Each player draws a number. Using Base 10 blocks (or beads or beans, whatever you have on hand in sufficient quantity), determine which player has the largest quantity on their card. Use your cut out greater/less than sign or equals sign appropriately. That player gets a penny and places it on their score board (Page 18-19).. At the end of the game, whomever has the most pennies wins.

As the player gets older or more mature in counting, including the 10s value cards from Page 9, then the hundreds from page 10 and so forth. Combine the 10s with the 1s to get the teens (or 20s or 30s) value.

Optional: Play Bingo Style, and have the child lay the penny onto the corresponding number that matches the number they drew with the goal to try and get all 100 numbers.

Suggestion: Play with all the same Tens first. Such as have only the 20 place value strip along with all the units/ones. Go through the 20,21,22,23 etc until you have gotten through all the 20s. Repeat with the next Tens value.

Perhaps, when the player accumulates 100 pennies, they get to buy a dollar store treat or toy?

## Base 10 Printable Blocks

Page 20 to 30 are a colorful set of printable base 10 printable "blocks". I needed something that was lightweight, portable, reproducible so that the whole family could play the above place value game. Page 30 contains the Unit blocks. Page 20 to 29 contain the 100s blocks and 10s blocks.

Optional: Have the child apply stickers to each square to get a feel for how many 100 or 10 really is!

0.0000

0.0001

0.0002

0.0003

0.0004

0.0005

0.0006

0.0007

0.0008

0.0009

0.000

0.01

0.02

0.03

0.04

0.05

0.06

0.07

0.08

0.09

0.0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

0 . 0

1 . 0

2 . 0

3 . 0

4 . 0

5 . 0

6 . 0

7 . 0

8 . 0

9 . 0

**0 . 000**

**1 . 000**

**2 . 000**

**3 . 000**

**4 . 000**

**5 . 000**

**6 . 000**

**7 . 000**

**8 . 000**

**9 . 000**

0 . 0 0 0 0

1 . 0 0 0 0

2 . 0 0 0 0

3 . 0 0 0 0

4 . 0 0 0 0

5 . 0 0 0 0

6 . 0 0 0 0

7 . 0 0 0 0

8 . 0 0 0 0

9 . 0 0 0 0

0	1	2
5	6	7
3	4	
8	9	



00	10	20
50	60	70
30	40	
80	90	

000

100

400

500

800

900

200

300

600

700

**0,000**

**1,000**

**2,000**

**3,000**

**4,000**

**5,000**

**6,000**

**7,000**

**8,000**

**9,000**

00,000

10,000

20,000

30,000

40,000

50,000

60,000

70,000

80,000

90,000

000,000

200,000

400,000

600,000

**800,000**

**100,000**

**300,000**

**500,000**

**700,000**

900,000

0,000,000

1,000,000

2,000,000

3,000,000

4,000,000

5,000,000

6,000,000

7,000,000



**8,000,000**

**9,000,000**

1 One	2 Two	3 Three	4 Four	5 Five	6 Six	7 Seven	8 Eight	9 Nine	10 Ten
11 Eleven	12 Twelve	13 Thirteen	14 Fourteen	15 Fifteen	16 Sixteen	17 Seventeen	18 Eighteen	19 Nineteen	20 Twenty
21 Twenty-one	22 Twenty-two	23 Twenty-three	24 Twenty-four	25 Twenty-five	26 Twenty-six	27 Twenty-seven	28 Twenty-eight	29 Twenty-nine	30 Thirty
31 Thirty-one	32 Thirty-two	33 Thirty-three	34 Thirty-four	35 Thirty-five	36 Thirty-six	37 Thirty-seven	38 Thirty-eight	39 Thirty-nine	40 Forty
41 Forty-one	42 Forty-two	43 Forty-three	44 Forty-four	45 Forty-five	46 Forty-six	47 Forty-seven	48 Forty-eight	49 Forty-nine	50 Fifty

51 Fifty-one	52 Fifty-two	53 Fifty-three	54 Fifty-four	55 Fifty-five	56 Fifty-six	57 Fifty-seven	58 Fifty-eight	59 Fifty-nine	60 Sixty
61 Sixty-one	62 Sixty-two	63 Sixty-three	64 Sixty-four	65 Sixty-five	66 Sixty-six	67 Sixty-seven	68 Sixty-eight	69 Sixty-nine	70 Seventy
71 Seventy-one	72 Seventy-two	73 Seventy-three	74 Seventy-four	75 Seventy-five	76 Seventy-six	77 Seventy-seven	78 Seventy-eight	79 Seventy-nine	80 Eighty
81 Eighty-one	82 Eighty-two	83 Eighty-three	84 Eighty-four	85 Eighty-five	86 Eighty-six	87 Eighty-seven	88 Eighty-eight	89 Eighty-nine	90 Ninety
91 Ninety-one	92 Ninety-two	93 Ninety-three	94 Ninety-four	95 Ninety-five	96 Ninety-six	97 Ninety-seven	98 Ninety-eight	99 Ninety-Nine	100 One Hundred























