

Name: _____

Date: _____

❖ Place Value ❖

Example: 642,857,693

In words: Six Hundred and Forty Two Million, Eight Hundred and Fifty Seven Thousand, Six Hundred and Ninety Three.

Value of place **decreases** by 10 times when moving right.

Million			Thousand					
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
6	4	2	8	5	7	6	9	3

$\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$ $\xrightarrow{\times \frac{1}{10}}$

$\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$ $\xleftarrow{\times 10}$

Value of place **increases** by 10 times when moving left.

Write the number from the expanded form

$$642,857,693 = 600,000,000 + 40,000,000 + 2,000,000 + 800,000 + 50,000 + 7,000 + 600 + 90 + 3.$$

- $300,000,000 + 20,000,000 + 4,000,000 + 100,000 + 80,000 + 2,000 + 300 + 80 + 7 =$
- $800,000,000 + 50,000,000 + 3,000,000 + 700,000 + 10,000 + 1,000 + 700 + 20 + 8 =$
- $200,000,000 + 70,000,000 + 4,000,000 + 600,000 + 80,000 + 3,000 + 300 + 50 + 6 =$
- $900,000,000 + 10,000,000 + 5,000,000 + 700,000 + 20,000 + 7,000 + 500 + 10 + 2 =$
- $600,000,000 + 50,000,000 + 7,000,000 + 400,000 + 30,000 + 8,000 + 100 + 90 + 7 =$

❁ Place Value ❁
(Answer Key)

1. $300,000,000 + 20,000,000 + 4,000,000 + 100,000 + 80,000 + 2,000 + 300 + 80 + 7 =$ 324,180,237

2. $800,000,000 + 50,000,000 + 3,000,000 + 700,000 + 10,000 + 1,000 + 700 + 20 + 8 =$ 853,711,728

3. $200,000,000 + 70,000,000 + 4,000,000 + 600,000 + 80,000 + 3,000 + 300 + 50 + 6 =$ 274,683,356

4. $900,000,000 + 10,000,000 + 5,000,000 + 700,000 + 20,000 + 7,000 + 500 + 10 + 2 =$ 915,727,512

5. $600,000,000 + 50,000,000 + 7,000,000 + 400,000 + 30,000 + 8,000 + 100 + 90 + 7 =$ 657,438,197