

What Do You Value?

by JP Saldaña

“**W**hat do you value in life?” asked Rhona.
“My loved ones,” answered Monica.

“That is the best answer I have heard,” said Rhona.

“Why are you asking that?” asked Monica.

“I am actually studying place values in math. It is just funny that numbers have values,” joked Rhona.

“I am pretty sure values in math are not the same with our values,” said Monica.

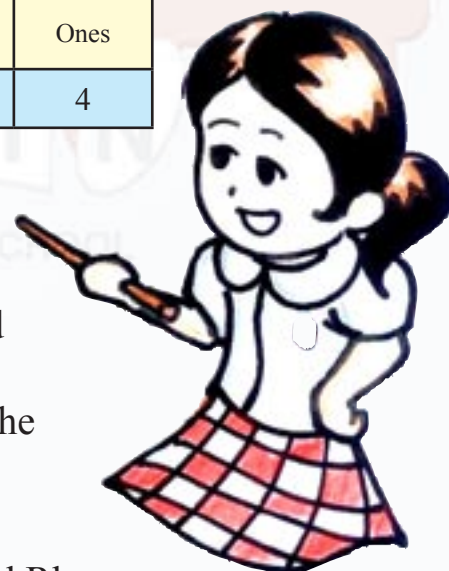
“Of course not! For example, in the number 7 193, the place value of 7 is thousands, making 7’s value 7 000. The place value of 1 is hundreds and its value is 100. The place value of 9 is tens and has a value of 90. The place value of 3 is ones and its value is 3,” said Rhona.

“What if the number is larger, like 942 734?” challenged Monica.

“I will write a table for you,” said Rhona. Then she showed Monica the table she made. “Here, look at this.”



	9	4	2	7	3	4
Place Value	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
Value	900 000	40 000	2 000	700	30	4



“I can see the relationship of the place value and value of a digit. Since 9 is in the hundred thousands place, its value is 900 000. Digit 4 in the ten thousands place has a value 40 000. Digit 2 in the thousands place has a value of 2 000, and so on,” mentioned Monica.

“Why don’t you try it with 485 103?” suggested Rhona.

Monica tried it using a similar table.

	4	8	5	1	0	3
Place Value	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
Value	400 000	80 000	5 000	100	0	3



“Did I do it correctly?” asked Monica.

“You got it,” replied Rhona.

“You know what? I value having you as a friend,” said Monica with a smile.



Try This!

Answer the following questions. Write your answer in the blanks.

- 1) In the number 519 083,
 - a) What is the place value of 9? _____
 - b) What is the value of 8? _____
 - c) What digit has the least value? _____
 - d) What is the place value 1? _____
 - e) What digit has the highest value? _____
- 2) In the number 692 173,
 - a) What is the value of 1? _____
 - b) What is the place value of 2? _____
 - c) What digit is in the ten thousands place? _____
 - d) What is the place value 6? _____
 - e) What digit is in the tens place? _____
- 3) In the number 52 487,
 - a) What digit is in the ten thousands place? _____
 - b) What is the value of 2? _____
 - c) What digit is in the ones place? _____
 - d) What is the place value 8? _____
 - e) What is the value of the digit in the hundred thousands place? _____
- 4) In the number 961 073,
 - a) What is the place value of 1? _____
 - b) What is the value of 0? _____

- c) What digit is in the hundred thousands place? _____
- d) What is the value of 7? _____
- e) What is the value of the digit in the ten thousands place? _____
- 5) In the number 535 124,
- a) What digit has the least value? _____
- b) What is the place value of 4? _____
- c) What is the place value of 2? _____
- d) What is the value of 3? _____
- e) How many times as great is the value of 5 on the left than the value of 5 at the right? _____

- ANSWER KEY
- 1) a) thousands place
b) 80
c) 0
d) ten thousands place
e) 5
- 2) a) 100
b) thousands
c) 9
d) hundred thousands place
e) 7
- 3) a) 5
b) 2 000
c) 7
d) tens place
e) 0
- 4) a) thousands place
b) 0
c) 9
d) 70
e) 60 000
- 5) a) 4
b) ones
c) tens
d) 30 000
e) 100 times