

PLACE VALUE STUDY GUIDE

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
7	5	3	4	2	9

Standard Form: 753,429

Expanded Form: 700,000 + 50,000 + 3,000 + 400 + 20 + 9

Word Form: Seven hundred fifty three thousand, four hundred twenty nine.

Students should know through the hundred thousands place.

Value of Digits

In the number 67,982, what is the value of the 9?

900, not just 9

In the number 108,924, what is the value of the 8?

8,000, not just 8

2 tens = 20 ones

20 tens = 2 hundreds

200 ones = 2 hundreds

Comparing Numbers

Be able to determine which number is greatest or least, using $<$, $>$, $=$

569 > 516

12,231 < 12,321

897 = 897

Ordering Numbers

Be able to put a set of numbers in order from greatest to least, or least to greatest.

Greatest to least: 7,564; 6,764; 5,476; 4,756

Least to Greatest: 4,756; 5,476; 6,764; 7,564

Rounding Numbers

Be able to round a number to the nearest 10, 100 and 1,000.

#	Nearest 10	Nearest 100	Nearest 1,000
78	80	-	-
157	160	200	-
3,124	3,120	3,100	3,000

Now You Try!

How would you write $3,000 + 200 + 0 + 8$ written in standard form?

a. 328

b. 3, 208

c. 3, 280

d. 3, 028

What is $200,000 + 50,000 + 3,000 + 700 + 60 + 2$ written in standard form?

a. 253,376

b. 250,762

c. 25,376

d. 253,762

What is the value of the underlined digit?

84, 921 _____

What is **two hundred three** written in standard form?

Compare the numbers. Write the correct symbol in the circle to make the sentence true. Use $<$, $>$, or $=$.

691 521

2,576 2,657

Put these numbers in order from least to greatest.

6,431 1,221 2,345 5,678 6,042

Round this number to the nearest **ten**:

71 _____

Round this number to the nearest **hundred**:

259 _____