

Name: _____

Date: _____

KEY

"Homework": 4th Grade Weekly Spiral Review (09.16.2019)

Please use your math strategies and show all your work.

1. Reeva wrote a number greater than 27,381. Which number could Reeva have written? Mark your answer.

- ~~A.~~ 27,831 ✓ $> 27,381$
~~B.~~ 23,381 b/c 23,000 is less than 27,000
~~C.~~ 21,831 b/c 21,000 is less than 27,000
~~D.~~ 27,183 b/c 100 is less than 300

A

2. Mrs. Smith put the following numbers on the board: 12,576 and 15,234. How does the 5 in 12,576 compare to the 5 in 15,234?

- ~~F.~~ It is 10 times larger.
~~G.~~ It is one-tenth as large. ✓
~~H.~~ It is 100 times larger.
~~J.~~ It has the same value.

$$\begin{array}{r} 12,576 \\ = 500 \frac{1}{10} \\ \hline 15,234 \\ = 5,000 \end{array}$$

G

3. Look at the 5 in the numbers 4,506 and 685. How is the 5 in 4,506 compared to the 5 in 685?

- ~~A.~~ It is 10 times larger.
~~B.~~ It is 100 times less.
~~C.~~ It is 100 times larger. ✓
~~D.~~ It is 10 times less.

$$\begin{array}{r} 4,500 \\ = 500 \\ \hline 685 \\ = 5 \end{array}$$

100x's = 5

C

4. Kim picks a number and gives the following clues to her friends: it is greater than 20,000, less than 30,000, and has a 6 in the ones place. Which could be Kim's number?

- ~~F.~~ 19,426 < 20,000
~~G.~~ 26,875 = 6,000 not 6 ones
~~H.~~ 27,416 ✓
~~J.~~ 36,254 6,000 not 6 ones

H

b/c $27,416 > 20,000$
 $27,416 < 30,000$
 27416 - 1 ones

5. In the number shown, one digit is underlined and one digit is circled.

7(7),000

7,000 is $\frac{7}{10}$ 70,000

Which statement about the circled digit is true?

- ~~A. Its value is 10 times greater than the value of the underlined digit.~~
 B. Its value is $\frac{1}{10}$ the value of the underlined digit. ✓
~~C. Its value is 70 times the value of the underlined digit.~~
~~D. Its value is $\frac{1}{70}$ the value of the underlined digit.~~

B

6. Mr. Rodriguez has driven his car 113,103 miles since he bought it. How is this number written in words?

- ~~F. One hundred thousand, thirteen.~~
~~G. One hundred ten thousand, one hundred three.~~
 H. One hundred thirteen thousand, one hundred three ✓
~~J. One hundred three thousand, one hundred three.~~

= one hundred thirteen thousand, one hundred three miles

H

7. Water samples from a river contained an average of 943.52 bacteria per milliliter. How is this number written in expanded notation?

- ~~A. $(9 \times 10,000) + (4 \times 1,000) + (3 \times 100) + (5 \times 10) + (2 \times 1)$~~
 B. $(9 \times 100) + (4 \times 10) + (3 \times 1) + (5 \times 0.1) + (2 \times 0.01)$ ✓
~~C. $(9 \times 100) + (4 \times 10) + (3 \times 1) + (5 \times 10) + (2 \times 100)$~~
~~D. $(9 \times 100) + (4 \times 10) + (3 \times 1) + (5 \times 0.01) + (2 \times 0.001)$~~

B

$$943.52 = (9 \times 100) + (4 \times 10) + (3 \times 1) + (5 \times 0.1) + (2 \times 0.01)$$

8. There were 7,200,685 copies of a music CD sold. How is 7,200,685 written in words?

- ~~F.~~ ~~Seventy-two thousand, six hundred eighty-five~~
- ~~G.~~ ~~Seven hundred twenty thousand, six hundred eighty-five~~
- ~~H.~~ ~~Seven million, twenty thousand, six hundred eighty-five~~
- ~~J.~~ Seven million, two hundred thousand, six hundred eighty-five

= seven million,
two hundred thousand
six hundred
eighty-five

J

9. Richard moved stones that weighed a total of 234.67 pounds to a construction site. Which statement

about this number of pounds is true?

- ~~A.~~ The digit 6 has a value of ~~60~~. = 0.6
- ~~B.~~ The digit 3 has a value of ~~3,000~~. = 30
- ~~C.~~ The digit 6 has a value of ~~0.06~~. = 0.6
- ~~D.~~ The digit 3 has a value of 30. true

D

10. The table below shows the population of 2 Texas cities in 2010, Beaumont and Lubbock.

109,579		217,326
Beaumont		Lubbock

Which of the cities below could NOT fit in the missing box?

- ~~F.~~ 186,106 ✓ between Amarillo
- ~~G.~~ 115,506 ✓ between Denton
- ~~H.~~ 101,590 less than 109,579 Wichita Falls
- ~~J.~~ 158,422 ✓ between Grand Prairie

H