

Name: KEY

November 5, 2012

Mr. McAusland - 6th Grade Math

Unit 2 Practice Quiz – Sections 1 through 4

- 1) What is the place value for the underlined digit : TEN MILLIONS

193,247,056,825.123456

- 2) What is the place value for the underlined digit : THOUSANDS

193,247,056,825.123456

- 3) What is the place value for the underlined digit : THOUSANDTHS

193,247,056,825.123456

- 4) What is the place value for the underlined digit : TENTHS

193,247,056,825.123456

- 5) Convert the number given in standard notation to number-and-word notation:

The Moon is 2,500,000 kilometers away from earth

2.5 MILLION

- 6) Write the number in standard notation:

Sixty-four billion, two hundred fifty-three million, eighty-nine thousand, four.

64,253,089,004

- 7) Write the following number in expanded notation:

12,405,000

$$(1 \cdot 10,000,000) + (2 \cdot 1,000,000) + (4 \cdot 100,000) + (5 \cdot 1,000)$$

- 8) Convert the number given in number-and-word notation to standard notation:

There were 24.6 thousand people who attended the game Thursday

24,600

- 9) Write the given decimal in standard notation:

Seven and forty-two ten-thousandths

7.0042

- 10) Write the given decimal in standard notation:

Three hundred seventeen millionths

0.000317

- 11) Write the given decimal in expanded notation:

One and forty-eight hundredths

$$(1 \cdot 1) + (4 \cdot 0.1) + (8 \cdot 0.01)$$

- 12) Write the word name for the following decimal:

0.0541

FIVE HUNDRED FORTY-ONE TEN-THOUSANDTHS

- 13) Add the two decimals 6.0534

4.0144 and 2.039

$$\begin{array}{r} 4.0144 \\ + 2.0390 \\ \hline 6.0534 \end{array}$$

- 14) Subtract the two decimals 1.9754

4.0144 and 2.039

$$\begin{array}{r} 34.0144 \\ - 2.0390 \\ \hline 1.9754 \end{array}$$

15) Add 3.5 grams and 20 centigrams 3.7 grams or 370 cg grams

$$\begin{array}{r}
 3.5 \text{ g} \\
 + 0.2 \text{ g} \\
 \hline
 3.7 \text{ g}
 \end{array}
 \quad \text{or} \quad
 \begin{array}{r}
 350 \text{ cg} \\
 + 20 \text{ cg} \\
 \hline
 370 \text{ cg}
 \end{array}$$

16) Multiply 0.0039

$$3.9 * 0.001$$

③ 3.9

17) Multiply 0.009

$$0.9 * 10^{-2}$$

0.9

18) Multiply 30,900,000

$$309 * 10^5$$

309

19) Multiply 0.00345

$$34.5 * 10^{-4}$$

34.5

20) Multiply 180

$$0.18 * 10^3$$

0.18