

Name: _____ Rounding and Place Value Review

1.) Which number has a 5 in the ten thousandths place?

- A. 0.20815
- B. 0.30256
- C. 0.40571
- D. 0.50098

2.) Which shows 93.256 rounded to the nearest hundredth?

- A. 93.25
- B. 93.26
- C. 93.3
- D. 100

3.) One backpack weighs 6.1 kilograms. Another backpack weighs 3.8 kilograms. Which is the best way to estimate the difference of the weights in kilograms?

- A. $6 - 3$
- B. $6 - 4$
- C. $7 - 3$
- D. $7 - 4$

4.) Which number is written thirty-eight and five hundred sixty-two thousandths?

- A. 38,562
- B. 38.562
- C. 38.0562
- D. 38.265

5.) Write a number in standard form that has...

9 hundreds, 3 ones = _____

8 tens and 5 ones = _____

4 hundreds, 50 tens = _____

6.) A student weighs an unknown sample of metal in the science lab. The sample weighs 58.8689 grams. What is this measurement rounded to the nearest ten grams?

- A. 58.9 grams
- B. 59 grams
- C. 60 grams
- D. 58.87 grams

7.)

$$3\frac{1}{6} + 2\frac{4}{6} \text{ is}$$

- A. about 6
- B. less than 5
- C. about 5
- D. equal to 4

8.) A small piece of gold weighs 0.155 gram. How would this value be written in words?

- A. one hundred fifty-five tenths
- B. one hundred fifty-five hundredths
- C. one and fifty-five thousandths
- D. one hundred fifty-five thousandths

9.) Write a number in standard form that has...

8 millions, 7 tens = _____

9 hundreds, 4 tenths = _____

4 ten thousands, 50 hundredths = _____

10.) Which answer is the best estimate for 47×82 ?

- A. 320
- B. 3,200
- C. 4,000
- D. 400

11.) Megan drove 4.6 miles from her home to Lori's house. When she left Lori's house she drove 7.1 miles to a store. About how many miles did she drive in all?

- A. approximately 11 miles
- B. approximately 12 miles
- C. approximately 13 miles
- D. approximately 14 miles

Number Riddle: BONUS!

I am a decimal number with two digits.

The sum of all my digits is 10.

The difference between my hundredths place digit and my tenths place digit is 4.

What number am I? _____