

Name \_\_\_\_\_ Date \_\_\_\_\_

# Power Standard #2

## Practice Test



### Terms to Know:

#### 1) Tenths

- a. The number that is one place to the right of the decimal. Its value is  $1/10$  of one.
- b. The number that is one place to the left of the decimal. Its value is  $1/10$  of one.
- c. The number that is one place to the right of the decimal. Its value is 10 times larger than one.
- d. The number that is one place to the right of the decimal. Its value is  $1/100$  of one.

#### 2) Hundredths

- a. The number that is one place to the right of the decimal. Its value is  $1/100$  of one.
- b. The number that is two places to the right of the decimal. Its value is 100 times larger than one.
- c. The number that is two places to the right of the decimal. Its value is  $1/100$  of one.
- d. The number that is two places to the left of the decimal. Its value is  $1/100$  of one.

#### 3) Thousandths

- a. The number that is three places to the right of the decimal. Its value is  $1/1000$  of one.
- b. The number that is three places to the right of the decimal. Its value is 1000 times larger than one.
- c. The number that is three places to the right of the decimal. Its value is  $1/100$  of one.
- d. The number that is three places to the left of the decimal. Its value is  $1/1000$  of one.

## Show your work

4)  $13 + 21.16 =$  \_\_\_\_\_

5)  $.789 + 6.7 =$  \_\_\_\_\_

6)  $76 - 9.04 =$  \_\_\_\_\_

7)  $5.011 - .65 =$  \_\_\_\_\_

8)  $42.2 \times 18 =$  \_\_\_\_\_

9)  $.222 \times 6.2 =$  \_\_\_\_\_

10)  $54.8 \div 5 =$  \_\_\_\_\_

11)  $7.866 \div 8 =$  \_\_\_\_\_

## Show your work

12) Larry has saved \$100.00 to buy 4 DVD movies. One DVD costs \$25.99 and the rest costs \$19.05 each. If Larry buys the movies, how much will he have left?

13) Mrs. Jacobson buys a loaf of bread for \$1.89 and 3 boxes of cereal for \$3.16 each. How much change will she receive if she pays with \$50.00?

14) Watkins Glen International is a NASCAR race track that is 2.45 miles long. If Kyle Busch drives 32 laps on the track at 121 mph, how many miles will he have traveled?



15) Mrs. Crumling has a Giant bonus card that she can use to save 20 cents (.20) per gallon on gas. How much can she save if she buys 15.5 gallons of gas?

16) Mrs. D uses her American Express credit card when she goes on vacation. She receives \$3.00 cash back for every \$50 she spends. How much money will Mrs. D get back if she spent \$200 on vacation?



17) Sue buys 17 cases of pickles. She pays \$5.54 for each case. How much money will Sue spend?

**18) Some information about the distances Mr. Renfro ran on three days is given below:**

- \* On Friday, he ran 2.12 miles.
- \* On Saturday, he ran 2.25 miles.
- \* On Sunday, he ran *two times* the distance that he ran on Friday and Saturday combined.

**Which shows a possible distance, in miles, Mr. Renfro could have run on Sunday?**

- a. 4.37 miles
- b. 8.74 miles
- c. 10.49 miles
- d. 21.74 miles



**19) Mr. Smith has a plant that is 14 years old and stands 19.25 inches tall. Each year the plant grew the same amount of inches. How many inches did the plant grow each year.**