

Name \_\_\_\_\_

**Math Assessment Review 2- Due March 10<sup>th</sup>**

**Directions:** Show ALL work for every question (even the ones that are multiple choice).

**Matching:** Write the number of the question next to the correct answer.

1.  $2 + 14.67$

2.  $0.892 - 0.663$

3.  $0.5 \times 0.73$

4.  $120 \div 7.5$

5.  $28.75 \div 4.6$

6.  $2.082 \times 2.5$

7.  $50.376 - 41.6$

8.  $73.1 + 20.53$

- Answers
- \_\_\_\_\_ 93.63
  - \_\_\_\_\_ 16
  - \_\_\_\_\_ 16.67
  - \_\_\_\_\_ 6.25
  - \_\_\_\_\_ 8.776
  - \_\_\_\_\_ 0.229
  - \_\_\_\_\_ 0.365
  - \_\_\_\_\_ 5.205

9. Which operation should be done first in  $20 - 3 \times 6 \div 2 + 3$ ?

- A.  $20 - 3$
- B.  $3 \times 6$
- C.  $6 \div 2$
- D.  $2 + 3$

10. Find  $10 + 50 \div 5 \times 2 - 6$ .

- A. 0
- B. 9
- C. 18
- D. 24

11. How is 2.6251 read?

- A. two and six thousand two hundred fifty-one thousandths
- B. two and six thousand two hundred fifty-one hundred thousandths
- C. two and six thousand two hundred fifty-one ten thousandths
- D. two and six thousand two hundred fifty-one hundredths

12. Michael practiced his long jump after school. He recorded each jump. Which jump is the longest?

- A. 7.008 m
- B. 7.049 m
- C. 7.073 m
- D. 7.080 m

13. Which of the following is the greatest?

- A. four thousand
- B. four hundred
- C. four-thousandths
- D. four and one-thousandth

14. You can drive your car 19.56 miles with one gallon of gasoline. How many miles can you drive with 11.86 gallons of gasoline? Round to the nearest hundredth.

- A. 210.45 mi
- B. 231.98 mi
- C. 280.55 mi
- D. 310.26 mi

15. Ron paid \$6.72 for 40 sheets of stickers. What was the average price of each sheet of stickers rounded to the nearest cent?

- A. \$0.17
- B. \$0.28
- C. \$0.39
- D. \$0.59

16. In which order should the operations be performed in the expression?

$$7 + 6 \div 2 \times 4 - 3$$

- A. multiply, subtract, divide, add
- B. add, divide, multiply, subtract
- C. multiply, divide, add, subtract
- D. divide, multiply, add, subtract

17.  $2\frac{1}{2} \times 1\frac{1}{5}$

- A.  $\frac{1}{3}$
- B. 3
- C.  $\frac{30}{10}$

18. Find the area of a room that is  $2\frac{1}{2}$  yards long by  $3\frac{1}{3}$  yards wide.

A.  $6\frac{1}{6}$  square yards

B.  $8\frac{1}{3}$  square yards

C.  $9\frac{2}{3}$  square yards

19.  $3\frac{3}{5} \div 4\frac{1}{2}$

A.  $1\frac{1}{4}$

B.  $\frac{4}{5}$

C.  $16\frac{1}{5}$

20. The Pirates won 12 games out of the 18 games they played. The Rovers won 15 games out of the 22 games they played.

**Show all work.**

a. For each team, represent as a decimal (rounded to the nearest hundredth) the number of games they won out of the number of games they played.

of the 18 games

b. Explain which team had the highest standing.

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of the 18 games

21. The ratio of girls to boys enrolled at F.D.R. High School is 15:16. There are 195 girls and 208 boys in Grade 10. Is the ratio of girls to boys in Grade 8 the same as the ratio of girls to boys in the entire school?

**Show all work.**

**Answer** \_\_\_\_\_

Explain why or why not the ratio is the same.

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22. Anna is comparing two expressions. The first expression is  $2^3$ . The second expression is  $3^2$ . Which expression is greater?

**Show your work.**

**Answer** \_\_\_\_\_

23. Joe goes to the supermarket and his bill is \$34.95. After Joe uses some coupons, the bill is \$30.12.

**Part A**

By rounding to the nearest dollar, estimate the amount of money Joe saved.

Answer \$ \_\_\_\_\_

**Part B**

What is the approximate percent that Joe saved on his bill?

**Show your work.**

Answer \_\_\_\_\_ %