



Module Test

A

Module 5



Round each decimal to the nearest whole number, nearest tenth, and nearest hundredth.

1. 0.189

2. 12.114

3. 24.555

4. Order 0.33, -0.41 , $\frac{1}{5}$, 0.57 from least to greatest.

5. Order -0.7 , -2 , -0.9 , $-\frac{1}{10}$ from greatest to least.

Use $<$, $>$, or $=$ to compare each set of numbers.

6. $\frac{2}{3}$ and 0.68

7. 40% and 0.04

8. 4.3 and $4\frac{3}{10}$

Evaluate these expressions. Show your work.

9. $7.32 + 2.901$

10. $0.6 + 1.82 + 0.009$

11. $2.3 - 0.23$

12. 0.8×0.07

13. 9×0.045

14. 11.2×3.04

15. $3 \div 11$

16. $84.1 \div 2$

17. $49.83 \div 3.02$

Circle the correct answer for each problem.

18. Evaluate -3^3 .

a. -27

b. -9

c. 9

d. 27

19. Evaluate $(-2)^{-4}$.

a. -16

b. $-\frac{1}{16}$

c. $\frac{1}{16}$

d. 16

20. Evaluate $4^3 + (9 - 5)^0$.

a. 13

b. 16

c. 65

d. 68

21. 10^{-4} is equivalent to _____.

a. 0.00001

b. 0.0001

c. -0.0001

d. -0.00001

22. $71,200,000$ written in scientific notation is _____.

a. 0.712×10^8

b. 7.12×10^7

c. 71.2×10^6

d. 712×10^5

NAME _____

DATE _____

Answer the following questions.

23. Is 14.3×10^{-7} written in scientific notation? Tell why or why not. If not, write the number in scientific notation.

24. Jackson scored a 65% on his test and Larry correctly answered 12 out of 20 questions on the same test. Who had the highest score? Explain how you found your answer.

25. Show how to use exponents to answer the following problem. Oliver spent three hours reading in one week. If he doubles his reading time each week, how much time would Oliver spend reading in week four?