

Name _____

Write a word name for the number in the sentence.

- 1) One gallon is equal to 3.7853 liters.
- A) Thirty seven thousand and eight hundred fifty-three hundredths
 - B) Three and seven thousand eight hundred fifty-three thousandths
 - C) Three and seven thousand eight hundred fifty-three ten-thousandths
 - D) Thirty seven thousand and eight hundred fifty-three ten-thousandths

Write the number as a fraction. Do not simplify.

- 2) -0.378
- A) $-\frac{37.8}{100}$ B) $-\frac{378}{1000}$ C) $-\frac{378}{100}$ D) $-\frac{378}{10,000}$

Write decimal notation.

- 3) $\frac{26}{100,000}$
- A) 0.0026 B) 0.026 C) 0.00026 D) 0.000026

Which number is larger?

- 4) $\frac{12}{1000}$, 0.12
- A) 0.12 B) $\frac{12}{1000}$

Solve the problem.

- 5) Round 8.2272 to the nearest hundredth.
- A) 8.24 B) 8.23 C) 8.227 D) 8.226

Add.

- 6) $68.728 + 42.7 + 4.756 + 16.62$
- A) 132.804 B) 132.814 C) 133.804 D) 132.904

Subtract.

- 7) $53 - 7.45$
- A) 45.65 B) 45.05 C) 60.45 D) 45.55

Add or subtract, as indicated.

- 8) $0.79 + (-7.213)$
- A) -6.423 B) -7.903 C) -8.003 D) 5.698

Combine like terms.

9) $-6.6b + 15.4b$

A) $-8.8b$

B) $8.8b^2$

C) $8.8b$

D) $-22b$

Multiply.

10)

$$\begin{array}{r} 0.032 \\ \times 0.49 \\ \hline \end{array}$$

A) 1.568

B) 0.001568

C) 0.01568

D) 0.0001568

11) 0.69×1000

A) 6900

B) 690

C) 69

D) 0.69

12) 22.721×0.001

A) 2.2721

B) 227.21

C) 0.022721

D) 0.22721

Convert from cents to dollars.

13) 3154¢

A) \$315.40

B) \$31.540

C) \$31.54

D) \$31,540.00

Solve the problem.

14) Evaluate $P + Prt$, for $P = 2000$, $r = 0.05$, and $t = 7.5$.

A) 750

B) 2720

C) 2800

D) 2750

Divide.

15) $3 \overline{)3.12}$

A) 20.4

B) 1.04

C) 2.04

D) 10.4

16) $0.017 \overline{)0.06698}$

A) 394

B) 0.394

C) 39.4

D) 3.94

17) $\frac{295.1883}{0.01}$

A) 29.51883

B) 29,518.83

C) 2.951883

D) 295,188.3

18) $\frac{51.7986}{1000}$

A) 0.00517986

B) 0.0517986

C) 5179.86

D) 51,798.6

Find decimal notation.

19) $\frac{6}{25}$

- A) 0.16 B) 0.04 C) 0.3 D) 0.24

20) $\frac{8}{15}$

- A) $0.5\bar{6}$ B) $0.5\bar{3}$ C) $0.4\bar{3}$ D) $0.5\bar{1}$

Solve.

21) Find the area of a triangular poster that is 2.9 m wide and 4.3 m tall.

- A) 11.5 m^2 B) 12.47 m^2 C) 6.235 m^2 D) 6.335 m^2

Estimate by rounding as directed.

22) $20 + 0.582 + 79.99$; nearest one

- A) 101 B) 99 C) 102 D) 98

Estimate. Choose a rounding digit that gives one or two nonzero digits.

23) $9.85 \div 5$

- A) 2 B) 0.02 C) 20 D) 0.2

Solve.

24) $-3.4x + 11.76 = -4.9$

- A) -16.66 B) 4.9 C) 2 D) -6.86

25) $9(x + 7) = 14x + 5$

- A) -11.6 B) 0.8 C) 11.6 D) -0.8

Solve the problem.

26) Meshea wants to know the total number of hours she has worked this week. Her time card indicates the following hours: Monday, 4.18 hours; Tuesday, 6.39 hours; Thursday, 6.01 hours. How many hours has Meshea worked?

- A) 15.58 hr B) 17.58 hr C) 16.58 hr D) 16.48 hr

27) Normal body temperature is 98.6°F . Ellen's temperature is 100.9°F . How many degrees above normal body temperature is this?

- A) 2.4° B) 2.3° C) 3.4° D) 3.3°

Answer Key

Testname: M0306 REVIEW 3

- 1) C
- 2) B
- 3) C
- 4) A
- 5) B
- 6) A
- 7) D
- 8) A
- 9) C
- 10) C
- 11) B
- 12) C
- 13) C
- 14) D
- 15) B
- 16) D
- 17) B
- 18) B
- 19) D
- 20) B
- 21) C
- 22) A
- 23) A
- 24) B
- 25) C
- 26) C
- 27) B