

BUSINESS MATH

1. When multiplying numbers that contain decimals:
 - a. alignment of the decimals is not important
 - b. all numbers must be aligned from left to right
 - c. the problem cannot be worked if more than one number contains a decimal
 - d. the decimals are not significant and should not affect alignment of the numbers

Competency: Basic Math Concepts

Task: Develop fluency in addition, subtraction, multiplication, and division of basic operations with or without calculators.

2. A fraction in which the denominator is equal to or less than the numerator is a(an) _____ fraction.
 - a. proper
 - b. leftover
 - c. common
 - d. improper

Competency: Basic Math Concepts

Task: Identify business math terms.

3. A form of closed-end credit used for purchasing durable goods such as cars is a(n):
 - a. mortgage
 - b. down payment
 - c. installment loan
 - d. unsecured loan

Competency: Consumer Credit

Task: Define credit and credit terms.

4. Rosita borrowed money to buy a ring priced at \$420. When she repaid the loan at the end of 3 months, the interest charge was \$31.50. What was the rate of interest?
 - a. 7.5% per month
 - b. 2.5% per month
 - c. 13.3% per month
 - d. .25%per month

Competency: Consumer Credit

Task: Compute finance charges for single payment loans.

5. What is the product of 3.26 and 0.4?
- a. 1.304
 - b. 1.34
 - c. 0.1304
 - d. 13.40

Competency: Decimals

Task: Add, subtract, multiply, and divide decimals

6. If freight is to be paid by the seller, the shipping terms are:
- a. FOB destination
 - b. FBLA
 - c. ROG
 - d. FC

Competency: Discounts

Task: Identify the various types of discounts.

7. To take advantage of the 6% cash discount, a retailer made a \$2,000 partial payment during the discount period. How much was the retailer credited for the \$2,000 partial payment?
- a. \$2,120.00
 - b. \$2,126.92
 - c. \$2,127.66
 - d. \$2,124.30

Competency: Discounts

Task: Calculate cash discounts and net selling price.

8. A plane flies 980 miles in $1\frac{2}{3}$ hours. How many miles does the plane average per hour?
- a. 688 mph
 - b. 553 mph
 - c. 653 mph
 - d. 588 mph

Competency: Fractions

Task: Convert fractions to decimals, decimals to fractions, and use properties of basic operations to simplify fractional arithmetic expressions.

9. A team won 16 games and lost 9 games. What percent of games did the team lose?
- a. 43.75%
 - b. 56.25%
 - c. 64%
 - d. 36%

Competency: Percentages

Task: Convert a whole number, fraction, or decimal to a percent.

10. An electronics store is having a 40 percent off sale. Robert has been saving to purchase a stereo system that was originally priced at \$420. If Robert purchases the system during the sale, what will be the cost?
- a. \$268
 - b. \$252
 - c. \$105
 - d. \$168

Competency: Percentages

Task: Calculate markup and markdown of original value of item.

Business Math Answer Key

- 1) A
- 2) D
- 3) C
- 4) B
- 5) A
- 6) A
- 7) C
- 8) D
- 9) D
- 10) B

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