

Order of Operations

■ $12 + 3 \times (8 \div 2) =$ _____

■ $20 - (10 + 2) \div 2 =$ _____

■ $16 \div 4 + (5 - 1) =$ _____

■ $(9 \times 2) - (6 + 3) =$ _____

■ $25 - (6 + 4) \times 2 =$ _____

■ $(12 - 4) \div 2 \times 10 =$ _____

■ $5 + (16 \div 4) \times 7 =$ _____

■ $5 \times (3 + 8) - 7 =$ _____

■ $75 \div 5 + (9 \times 2) =$ _____

■ $(24 \div 8) \times 9 - 7 =$ _____

■ $10 - (6 \div 3) \times 5 =$ _____

■ $24 \times (12 - 8) + 6 =$ _____

■ $36 \div (4 + 2) \times 5 =$ _____

■ $(9 - 2) \times 3 - 11 =$ _____

■ $59 + (24 \div 6) \times 2 =$ _____

■ $6(30 \div 10) \times 8 - 5 =$ _____

Write numbers in expanded form

■ $71423 =$ _____

■ $37983 =$ _____

■ $98057 =$ _____

■ $02119 =$ _____

■ $3181 =$ _____

■ $29788 =$ _____

■ $32827 =$ _____

Solve the problems

At a book fair, Joe bought 24 books at 3 for \$5 and had \$2 left. How much money did he have at first?

Harry bought 155 oranges for \$35. He discovered that 15 of them were rotten. He sold all the remaining oranges at the rate of 7 for \$2. How much money did he make?

20% of a class of 40 students play volleyball, 15% play basketball, and 35% play football. Half of the remaining students play soccer. How many students play soccer?

David deposited \$5,000 in a bank that pays simple interest at a yearly rate of 3%. Find the total amount of money he had in the bank after 2 years.

Andrew had 200 postcards. Of these, 40% were U.S. postcards and the rest were overseas postcards. He bought another 100 postcards, and the percentage of U.S. postcards decreased to 30%. How many overseas postcards did he buy?

Henry bought a compact disc and three videotapes. The compact disc cost \$16, which is twice the price of a videotape. How much did he spend altogether?

Alicia bought 420 mangoes for \$378. She packed the mangoes in bags of 4 mangoes each and sold all the bags at \$6 each. How much money did she make?