

Identify variables, Write a system of equations, Solve, and Answer the question.

1. John buys 3 games & 2 books for \$88.
Kim buys 4 games & 2 books for \$104.
Find the price of each item.
2. Raul buys 2 pizzas & 5 sodas for \$32.
Christine buys 1 pizza & 2 sodas for \$15.
Find the price of each item.
3. Bob buys 2 sodas, 2 hot dogs, and 4 bags of chips for \$5.50.
Kim buys 3 sodas, 1 hot dog, and 2 bags of chips for \$5.50.
Bill buys 1 soda, 1 hot dog, and 1 bag of chips for \$2.25.
Find the price of each item.
4. Susan bought 3 pencils and 2 notebooks.
Kim bought 1 pencil and 1 eraser.
John bought 4 pencils, 2 erasers, and 1 notebook.
Susan spent \$2.80, Kim spent \$0.15, and John spent \$1.75.
How much would 2 pencils, 3 erasers, and 2 notebooks cost?
5. Larry bought 3 gallons of milk and 1 box of cereal for \$9.47.
Sean bought 1 gallon of milk and 2 boxes of cereal for \$8.99.
How much would 3 boxes of cereal and 2 gallons of milk cost?

KEY

1. 16 games, 20 books
2. 11 pizzas, 2 sodas
3. \$1.38 for a soda, \$0.38 for a hotdog, \$0.50 for chips
4. \$0.10 for a pencil, \$1.25 for a notebook, \$0.05 for an eraser
5. \$1.99 for milk, \$3.50 for cereal, so 3 boxes of cereal and 2 boxes of milk cost \$14.48.