

Date :

Name :

Grade :



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## Systems of Equations Word Problems

1. Maya bought 7 items consisting of juice boxes and granola bars for her friends. Juice boxes cost \$1 each and granola bars cost \$2 each. If she spent a total of \$10, how many of each did she buy?
2. Alex bought some pens and notebooks. Pens cost \$1.50 each and notebooks cost \$3 each. He bought a total of 8 items and spent \$18. How many pens and how many notebooks did Alex buy?
3. A school basketball game sold 150 tickets. Student tickets cost \$3 each and adult tickets cost \$5 each. If the total revenue from ticket sales was \$530, how many student tickets and how many adult tickets were sold?
4. Leo saves \$5 per week and his sister Mia saves \$8 per week. Mia started with \$20 already saved, and Leo started with \$50. After how many weeks will they have the same amount of money? How much money will they each have?
5. Sam has a piggy bank with 25 coins, all dimes and quarters. If the total value of the coins is \$4.00, how many dimes and how many quarters does Sam have?