

Money Word Problems

Grades 5 to 6 - Multi-step, real-world problems using decimals and budgeting

Directions

Read each problem carefully. Decide which operation or operations you need, show your work, and write your final answer.

1. Snack Stand Total

A school snack stand sells granola bars for \$1.25 each and fruit cups for \$2.10 each. Maya buys 4 granola bars and 3 fruit cups. How much does she spend in all?

2. Change from a Bill

A notebook costs \$3.79 and a pack of stickers costs \$1.45. Jaden pays with a \$10.00 bill. How much change should he get back?

3. Buy 2, Save \$1

Water bottles are \$1.60 each. The store has a deal: Buy 2 and save \$1.00 total. Leah buys 6 bottles. What is the total cost after the deal?

4. Unit Price Comparison

Cereal comes in two sizes: 12 oz for \$4.08 or 18 oz for \$5.76. Which option is the better deal (lower cost per ounce), and what is the cost per ounce for each?

5. Saving Up

Noah has \$18.50. He earns \$6.25 each week for chores. He wants to buy a board game that costs \$37.00 including tax. How many full weeks does he need to work before he has enough money?

6. Store Credit and Purchase

A store gives Priya a \$12.00 credit. She buys a shirt for \$19.95 and socks for \$4.50. How much does she still owe after using the credit?

7. Discount Percent

A backpack costs \$28.00. It is on sale for 25 percent off. What is the sale price?

8. Recipe Scaling Cost

A recipe needs 2.5 cups of flour. A bag of flour costs \$3.60 and contains 9 cups. About how much does the flour cost for one recipe? Round to the nearest cent.

9. Movie Night

Tickets cost \$7.50 each and popcorn costs \$4.25 per bag. A family buys 4 tickets and 2 bags of popcorn. They have a coupon for \$5.00 off the total. What is the final cost?

10. Budgeting for Supplies

A classroom has \$45.00 to spend on supplies. Markers cost \$6.75 per pack and notebooks cost \$2.90 each. The teacher buys 4 packs of markers. With the money left, how many notebooks can the teacher buy?

Answer Key

Step-by-step solutions

Solutions

1. Multiply: $4 \times 1.25 = 5.00$. Multiply: $3 \times 2.10 = 6.30$. Add: $5.00 + 6.30 = \$11.30$.
2. Add: $3.79 + 1.45 = 5.24$. Subtract: $10.00 - 5.24 = \$4.76$.
3. Without deal: $6 \times 1.60 = 9.60$. Pairs: 6 bottles = 3 pairs. Savings: $3 \times 1.00 = 3.00$. Total: $9.60 - 3.00 = \$6.60$.
4. Unit price: 4.08 divided by $12 = 0.34$ per ounce. 5.76 divided by $18 = 0.32$ per ounce. Better deal: 18 oz box.
5. Money needed: $37.00 - 18.50 = 18.50$. Weekly earnings: 6.25 . 18.50 divided by $6.25 = 2.96$, so 3 full weeks.
6. Total: $19.95 + 4.50 = 24.45$. Subtract credit: $24.45 - 12.00 = \$12.45$.
7. Discount: 25 percent of 28.00 is 7.00 . Sale price: $28.00 - 7.00 = \$21.00$.
8. Cost per cup: 3.60 divided by $9 = 0.40$. Multiply: $2.5 \times 0.40 = \$1.00$.
9. Tickets: $4 \times 7.50 = 30.00$. Popcorn: $2 \times 4.25 = 8.50$. Subtotal: 38.50 . Coupon: $38.50 - 5.00 = \$33.50$.
10. Markers: $4 \times 6.75 = 27.00$. Money left: $45.00 - 27.00 = 18.00$. Notebooks: 18.00 divided by $2.90 = 6$ notebooks.