

Money Moves

Solve real-world money problems step by step.

GRADE 5 • MA.5.M.2.1

MA.5.M.2.1 "Solve multi-step real-world problems involving money using decimal notation."

NAME _____

DATE _____

PLAN YOUR STEPS

When a money problem has more than one action, solve each step in the order the story gives. Line up decimal points when you add or subtract, and use a dollar sign and two digits for cents in your answer.

WORKED EXAMPLE

A notebook costs \$4.37 and a pen costs \$2.58. You pay with \$10.00. How much change do you receive?

1. Add the costs: $\$4.37 + \$2.58 = \$6.95$.
2. Subtract from the amount paid: $\$10.00 - \$6.95 = \$3.05$.

Answer: \$3.05

PRACTICE 6 problems

- 1** A game costs \$7.25. You have \$15.00 and buy a snack for \$2.40 first. How much money is left after you buy the snack and the game?

ANSWER _____

- 2** Three packs of pencils cost \$1.35 each. You pay with \$5.00. How much change do you get?

ANSWER _____

- 3** Mia has \$12.50. She earns \$3.75 and then spends \$8.20. How much money does she have now?

ANSWER _____

- 4** Two tickets cost \$4.60 each. A coupon takes \$1.50 off the total. What is the final cost?

ANSWER _____

- 5** You buy two juices for \$1.85 each and a pretzel for \$2.15. You pay with \$10.00. How much change do you get?

ANSWER _____

- 6** Your savings goal is \$20.00. You have saved \$6.45 and then save \$7.80 more. How much more do you need?

ANSWER _____

APPLY IT Show your work

- 1** At the book fair, a graphic novel costs \$8.45 and two bookmarks cost \$1.25 each. You use a \$3.00 discount and pay with \$15.00. How much change do you receive?

WORK SPACE

ANSWER _____

- 2** At a robotics event, Jordan buys 3 admission wristbands for \$2.75 each and a drink for \$1.60. Jordan pays with \$12.00. How much change does Jordan get?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

The art club has \$30.00. It buys 4 paint sets at \$3.65 each and receives a \$2.60 rebate. It spends all the remaining money on sticker sheets that cost \$0.75 each. How many sticker sheets can the club buy?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A game costs \$7.25. You have \$15.00 and buy a snack for \$2.40 first. How much money is left after you buy the snack and the game?	\$5.35
2	Three packs of pencils cost \$1.35 each. You pay with \$5.00. How much change do you get?	\$0.95
3	Mia has \$12.50. She earns \$3.75 and then spends \$8.20. How much money does she have now?	\$8.05
4	Two tickets cost \$4.60 each. A coupon takes \$1.50 off the total. What is the final cost?	\$7.70
5	You buy two juices for \$1.85 each and a pretzel for \$2.15. You pay with \$10.00. How much change do you get?	\$4.15
6	Your savings goal is \$20.00. You have saved \$6.45 and then save \$7.80 more. How much more do you need?	\$5.75

PART 2 • APPLY IT

1. **\$7.05** The total before the discount is $\$8.45 + \$2.50 = \$10.95$. After the \$3.00 discount, the cost is \$7.95, so the change from \$15.00 is \$7.05.
2. **\$2.15** The wristbands cost $3 \times \$2.75 = \8.25 , and the total cost is $\$8.25 + \$1.60 = \$9.85$. The change from \$12.00 is \$2.15.

CHALLENGE

24 sticker sheets

Accept dollar amounts written with a dollar sign and two decimal places. For the challenge, accept 24 only if the student clearly identifies sticker sheets as the unit.