

Profit Power

Find how much money is left after costs.

GRADE 4 • TEKS 4.10.B

4.10.B "calculate profit in a given situation;"

NAME _____

DATE _____

FIND THE PROFIT

Profit is the money left after you subtract the cost from the money earned. Use this rule: $\text{profit} = \text{money earned} - \text{cost}$.

WORKED EXAMPLE

A student buys art supplies for \$26 and sells finished cards for \$44. What is the profit?

1. Money earned: \$44
2. Cost: \$26
3. $\$44 - \$26 = \$18$

Answer: \$18 profit

PRACTICE 6 problems

- 1** A snack stand spends \$18 on food and earns \$27 from sales. What is the profit?

ANSWER _____

- 2** A student pays \$35 for used books and sells them for \$49. What is the profit?

ANSWER _____

- 3** A lemonade stand costs \$12 to set up and earns \$20. What is the profit?

ANSWER _____

- 4** A craft table costs \$46 to make and earns \$61 from sales. What is the profit?

ANSWER _____

- 5** A comic book costs \$9 and sells for \$16. What is the profit?

ANSWER _____

- 6** A game booth costs \$25 to run and earns \$40. What is the profit?

ANSWER _____

APPLY IT Show your work

1 Mia buys 15 keychains for \$3 each. She sells each keychain for \$5. What is Mia's profit?

WORK SPACE

ANSWER _____

2 The school bake sale spends \$28 on ingredients and \$7 on bags. It earns \$63 from selling cookies. What is the profit?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A student spends \$48 to make button pins. On Saturday, the student earns \$35. On Sunday, the student earns \$42. What is the total profit? Show how you combine the earnings and subtract the cost.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A snack stand spends \$18 on food and earns \$27 from sales. What is the profit?	\$9 profit
2	A student pays \$35 for used books and sells them for \$49. What is the profit?	\$14 profit
3	A lemonade stand costs \$12 to set up and earns \$20. What is the profit?	\$8 profit
4	A craft table costs \$46 to make and earns \$61 from sales. What is the profit?	\$15 profit
5	A comic book costs \$9 and sells for \$16. What is the profit?	\$7 profit
6	A game booth costs \$25 to run and earns \$40. What is the profit?	\$15 profit

PART 2 • APPLY IT

1. **\$30 profit** Her cost is $15 \times \$3 = \45 . Her earnings are $15 \times \$5 = \75 , and $\$75 - \$45 = \$30$.
2. **\$28 profit** Add the costs: $\$28 + \$7 = \$35$. Then subtract: $\$63 - \$35 = \$28$.

CHALLENGE

\$29 profit

Accept answers written with a dollar sign and the word profit, or as a dollar amount alone. For the challenge, accept work showing $\$35 + \$42 = \$77$ and $\$77 - \$48 = \$29$.