

Profit Path

Track revenue, expenses, and net profit.

HIGH SCHOOL • MA.912.FL.2

MA.912.FL.2 "Develop an understanding of basic accounting and economic principles."

NAME _____

DATE _____

FIND NET PROFIT

Net profit equals total revenue minus total expenses. Find revenue by multiplying the selling price by the number of items sold when needed. A positive result is a profit, and a negative result means a net loss.

WORKED EXAMPLE

A game club sells 18 snack bundles for \$7 each. Its expenses are \$34. What is its net profit?

1. Revenue = $18 \times \$7 = \126 .

2. Net profit = $\$126 - \34 .

3. Net profit = $\$92$.

Answer: \$92 net profit

PRACTICE 6 problems

- 1** A student business has revenue of \$75 and expenses of \$28. What is its net profit or net loss?

ANSWER _____

- 2** A seller has revenue of \$64 and expenses of \$83. What is its net profit or net loss?

ANSWER _____

- 3** A student sells 9 sticker packs for \$11 each. Expenses are \$57. What is the net profit or net loss?

ANSWER _____

- 4** A gamer sells 5 used games for \$16 each. The total cost of the games and shipping was \$49. What is the net profit or net loss?

ANSWER _____

- 5** A snack stand has revenue of \$132 and expenses of \$76. What is its net profit or net loss?

ANSWER _____

- 6** A business has expenses of \$46 and a net profit of \$38. What was its total revenue?

ANSWER _____

APPLY IT Show your work

- 1** At a school concert, Maya buys 24 enamel pins at \$3 each and pays a \$15 booth fee. She sells every pin for \$6. What is her net profit?

WORK SPACE

ANSWER _____

- 2** A student runs a phone case pop-up shop. The student buys 30 cases for \$4 each, pays \$20 for an online ad, and sells every case for \$9. What is the net profit?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A student pays \$45 for a market table and spends \$3 to make each bracelet. Each bracelet sells for \$8. How many bracelets must the student sell to earn a net profit of \$30?

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A student business has revenue of \$75 and expenses of \$28. What is its net profit or net loss?	\$47 net profit
2	A seller has revenue of \$64 and expenses of \$83. What is its net profit or net loss?	\$19 net loss
3	A student sells 9 sticker packs for \$11 each. Expenses are \$57. What is the net profit or net loss?	\$42 net profit
4	A gamer sells 5 used games for \$16 each. The total cost of the games and shipping was \$49. What is the net profit or net loss?	\$31 net profit
5	A snack stand has revenue of \$132 and expenses of \$76. What is its net profit or net loss?	\$56 net profit
6	A business has expenses of \$46 and a net profit of \$38. What was its total revenue?	\$84 revenue

PART 2 • APPLY IT

- \$57 net profit** Her revenue is $24 \times \$6 = \144 . Her expenses are $24 \times \$3 + \$15 = \$87$, so $\$144 - \$87 = \$57$.
- \$130 net profit** Revenue is $30 \times \$9 = \270 . Expenses are $30 \times \$4 + \$20 = \$140$, so the net profit is $\$270 - \$140 = \$130$.

CHALLENGE

15 bracelets

Accept dollar amounts with correct profit or loss labels. For problem 2, accept -\$19 if the student identifies it as a net loss.