LESSON MAKER PRO

Portfolio Price Moves

Track cash, shares, prices, and fees.

HIGH SCHOOL · MA.912.FL.4.6

MA.912.FL.4.6 "Simulate the purchase of a stock portfolio with a set amount of money, and evaluate its worth over time considering gains, losses and selling, taking into account any associated fees."

NAME _____ DATE _____

TRACK THE WHOLE PORTFOLIO

Your portfolio worth equals cash you still have plus the current value of shares you own. Buying fees add to your cost, and selling fees subtract from your sale money.

WORKED EXAMPLE

You start with $150. Buy 8 shares at $15 each and pay a $4 fee. Later, sell all 8 shares at $18 each and pay a $5 fee. Find your ending worth.



1. Buy cost: 8 × $15 + $4 = $124.
2. Cash left: $150 - $124 = $26.
3. Sale money: 8 × $18 - $5 = $139.
4. Ending worth: $26 + $139 = $165.

Answer: $165, a $15 gain

PRACTICE 4 problems

1 You have $100. Buy 6 shares at $12 each and pay a $3 fee. How much cash is left?

ANSWER _____

2 You own 7 shares. The price rises from $11 to $14. How much does the value of your shares increase?

ANSWER _____

3 You sell 4 shares at $19 each and pay a $3 selling fee. How much money do you receive?

ANSWER _____

4 You start with $210. Buy 9 shares at $17 each and pay a $6 fee. The price later falls to $13, and you keep all shares. What is your gain or loss?

ANSWER _____

APPLY IT Show your work

1 Rina starts with $250 for a music fund. Use the record. After the sale, the stock price is still $20. What is her portfolio worth and gain or loss?

RINA'S STOCK RECORD

Action	Shares	Price per Share	Fee
Buy	10	$17	$7
Sell	3	$20	$7

ANSWER _____

2 To save for a gaming computer, Leo starts with $180. He buys 9 shares at $14 each and pays a $3 fee. Later, the price is $12, so he sells all shares and pays another $3 fee. What is his ending worth and gain or loss?

WORK SPACE

ANSWER _____

CHALLENGE One step up

You start with $420. Buy 13 shares at $22 each and pay a $7 fee. Later, sell 6 shares at $27 each and pay a $7 fee. The remaining shares are then worth $21 each. What is your portfolio worth, and is it a gain or loss?

WORK SPACE AND ANSWER

ANSWER KEY

Portfolio Price Moves

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	You have $100. Buy 6 shares at $12 each and pay a $3 fee. How much cash is left?	**$25**
2	You own 7 shares. The price rises from $11 to $14. How much does the value of your shares increase?	**$21**
3	You sell 4 shares at $19 each and pay a $3 selling fee. How much money do you receive?	**$73**
4	You start with $210. Buy 9 shares at $17 each and pay a $6 fee. The price later falls to $13, and you keep all shares. What is your portfolio worth, and what is your gain or loss?	**$168, a $42 loss**

PART 2 · APPLY IT

1. **$266, a $16 gain** After buying, Rina has $73 cash. Selling adds $53, and her 7 remaining shares are worth $140, so $126 + $140 = $266.
2. **$156, a $24 loss** Leo keeps $51 after buying. His sale brings $105, so his ending worth is $51 + $105 = $156.

CHALLENGE

$429, a $9 gain

Accept dollar signs or correctly labeled dollar amounts. For gain or loss items, require both the ending portfolio worth and the comparison with the starting amount.