



Mathness!

Expenses and profit

Grade 4 math · printable worksheet + answer key

Luna's Space Adventure

Grade 4 · Expenses and profit · 4.10B

Name _____

Date _____



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Fixed or variable? Fixed costs the same every month. Variable changes.

Movie tickets	Fixed	Variable	Snacks	Fixed	Variable
Streaming service	Fixed	Variable	Gym membership	Fixed	Variable

A month of costs Nova's family, one month. Write fixed or variable, then add.

Expense	Cost	Type
New clothes	\$88	
Gas for the car	\$82	
Groceries	\$355	
Car payment	\$187	

Fixed, in all? _____

Variable, in all? _____

The whole month? _____

The bake sale Orion's supplies cost \$50. Profit = income - costs.

Item	Price	Sold	Income
Brownies	\$6	5	
Muffins	\$1	13	
Cookies	\$6	15	

Total income? _____

Profit? _____

Profit or loss? Write profit or loss, and how much.

Business	Income	Costs	Result	Amount
Orion's lemonade stand	\$143.39	\$127.24		
Nova's lemonade stand	\$145.03	\$133.66		

ANSWER KEY

Variable

Variable

\$187

\$525

\$712

33

73

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Free · answer key included

Business	Income	Costs	Result	Amount
Luna's bake sale	\$232.20	\$247.33		
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Answer key