

Financial Literacy

No Prep Games

CALCULATING PROFIT 410B 44A

SPIN TO FIND THE SELLING PRICE

PAINTING
Supply Costs:
• Oil Paints \$44.60
• Canvas \$35.00
• Brushes \$33.58

TREE HOUSE
Supply Costs:
• Wood \$300
• Door \$95
• Shingles \$135
• Paint \$55

SET OF HANDMADE CARDS
Supply Costs:
• Paper \$2.48
• Envelopes \$1.25
• Stencil \$3.50

CAKE
Supply Costs:
• Flour \$1.99
• Sugar \$0.75
• Eggs \$1.50
• Icing \$4.48

BICYCLE
Purchased Old Bicycle
Repair Costs:
• Bike Chain \$13.88
• Handlebar Grips \$9.40
• Tires \$29.00

CALCULATING PROFIT KEY

Item	Selling price:	Profit:	Selling price:	Profit:
SET OF HANDMADE CARDS	\$12	\$4.77	\$13	\$5.77
CAKE	\$12	\$3.28	\$15	\$6.28
BICYCLE	\$95	\$27.63	\$100	\$32.63

CALCULATING PROFIT RECORDING SHEET 410B 44A

Name: _____

Sales Price: _____ Profit: _____

PAINTING
Supply Costs:
• Oil Paints \$44.60
• Canvas \$35.00
• Brushes \$33.58

Sales Price: _____ Profit: _____

SET OF HANDMADE CARDS
Supply Costs:
• Paper \$2.48
• Envelopes \$1.25

Sales Price: _____ Profit: _____

4TH GRADE

Calculating Profit Game

CALCULATING PROFIT

Players are competing to earn the greatest profit. Every player spins the spinner next to each item to find the amount he/she sold the item for. Players individually calculate the profit made on each item based on their unique selling price. The winner is the player with the greatest total profit after all 6 rounds!!!

SPIN TO FIND SELLING PRICE

SET OF HANDMADE CARDS

- Supply Costs:
- Paper \$2.48
 - Envelopes \$1.25
 - Stencil \$3.50



PAINTING

Supply Costs:

- Oil Paints \$44.60
- Canvas \$35.00
- Brushes \$33.58



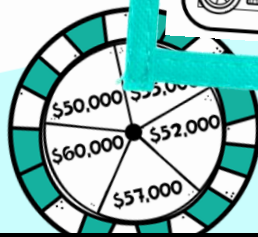
TREE HOUSE

- Supply Costs:
- Wood \$300
 - Door \$95
 - Shingles \$135
 - Paint \$55



MOTORHOME

- Purchased Old Motorhome for \$4,500
- Remodeling Costs:
- Sitting Area \$5,404
 - Kitchen \$13,898
 - Bathroom \$4,250



CALCULATING PROFIT RECORDING SHEET

Name: _____

410B
44A

SET OF HANDMADE CARDS

- Supply Costs:
- Paper \$2.48
 - Envelopes \$1.25
 - Stencil \$3.50

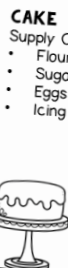
Sales Price: **\$12**
Profit: **\$4.77**



PAINTING

- Supply Costs:
- Oil Paints \$44.60
 - Canvas \$35.00
 - Brushes \$33.58

Sales Price: **\$400**
Profit: **\$286.82**



CAKE

- Supply Costs:
- Flour \$1.99
 - Sugar \$0.75
 - Eggs \$1.50
 - Icing \$4.48

Sales Price: **\$12**
Profit: **\$3.28**



TREE HOUSE

- Supply Costs:
- Wood \$300
 - Door \$95
 - Shingles \$135
 - Paint \$55

Sales Price: **\$900**
Profit: **\$315**



BICYCLE

- Purchased Old Bicycle for \$15.00
- Repair Costs:
- Bike Chain \$13.88
 - Handlebar Grips \$9.49
 - Tires \$29.00

Sales Price: **\$95**
Profit: **\$27.63**



MOTORHOME

- Purchased Old Motorhome for \$4,500
- Remodeling Costs:
- Sitting Area \$5,404
 - Kitchen \$13,898
 - Bathroom \$4,250

Sales Price: **\$50,000**
Profit: **\$21,948**

©Melissa Johnson www.MelissaJohnson.com

Fixed vs. Variable Expenses Game

FIXED VS. VARIABLE EXPENSES

410A

Spin the spinner to select a person. Roll the die to find a question. Use the expense tables to answer the question. If your answer is correct, move the number of spaces on the gameboard indicated after the question.

	Name all of Juan's fixed expenses.	2
	Name all of Juan's variable expenses.	2
	Is Juan's rent payment a fixed or variable expense?	1
	What is a Juan's most expensive fixed expense?	1
	Is the amount Juan spends on health insurance a fixed or variable expense? Explain.	2
	Is the amount Juan spends on car repairs a fixed or variable expense? Explain.	2

	Name all of Maya's fixed expenses.	2
	Name all of Maya's variable expenses.	2
	Are Maya's groceries a fixed or variable expense?	1
	What is the total amount Maya spends on fixed expenses each month?	1
	Is the amount Maya spends on entertainment a fixed or variable expense? Explain.	2
	Is the amount Maya spends on trash pick-up a fixed or variable expense? Explain.	2

JUAN

MAYA

LOGAN

MAYA'S Expenses

MAY	JUNE	JULY
\$1,275	\$1,275	\$1,275
\$103.96	\$159.07	\$204.33
\$45	\$45	\$45
\$187.36	\$257.99	\$207.10

JUAN'S Expenses

MAY
Rent \$895
Power Bill \$60
Health Insurance \$350
Dining Out

EVELYN'S Expenses

MAY	JUNE	JULY
\$0.50	\$1,050	\$1,050
\$78	\$55.61	\$50.38
\$50	\$50	\$50
\$161.05	\$159.24	\$163.01
\$33.87	\$0	\$5.34
\$5.34	\$65.34	

LOGAN'S Expenses

MAY	JUNE	JULY
Mortgage \$1,800	\$1,800	\$1,800
Power Bill \$193.54	\$254.64	\$178.00
Trash Pick-Up \$29	\$29	\$29
Internet & TV \$74.89	\$74.89	\$74.89
Groceries \$199.80	\$257.06	\$221.56
Yard Service \$95	\$115	\$95
Cell Phone \$75	\$75	\$75

© Melissa Johnson www.MarvelMath.com

MARVEL Math

Purpose of Banks Game

TRACK YOUR POINTS

PLAYER 1

PLAYER 2

PLAYER 3

PLAYER 4

© Melissa Johnson www.MarvelMath.com

MONEY WISE PURPOSE OF FINANCIAL INSTITUTION

You may start anywhere on the gameboard. Roll the die and move that many spaces. Read the set of statements that match the icon on the space you landed on. Roll the die again and read the corresponding statement out loud for all of the players. Record the points you earn each round. The first player to get to 10 points wins!!!



MONEY WISE

MONEY WISE

You deposited money in the bank and earned 2 points.

You went to the bank and earned 3 points.

You went to the bank and earned 3 points.

You took your little sister to the bank to deposit the money in her piggy bank. You explained to her that if her money is in the bank it will earn interest and she will have more money in a year than she has right now. You earned 2 points.

You went to an investment company a year ago and bought stock in PETCO. The value of the money you invested went up 12% in the last year. You earned 4 points.

You went to an investment company a year ago and bought stock in Microsoft. The value of the money you invested went down 10% in the last year. You lost one-tenth of the money you invested. You don't earn any points.

You took your little brother to the bank to open a bank account. You explained to him that banks keep money safe. It is better to have money in a bank account than in a piggy bank at home. You earned 2 points.

You have \$8,549 in your savings account at your bank. Your parents took out a home loan for \$200,000 from the same bank. The money in your account, plus the money in other customers' accounts is pooled together by the bank to make loans, such as your parents' home loan. You earned 3 points.

You went to the bank and opened an account to save for college. You plan to deposit money every month. The money you deposit will earn 3% interest. You earned 2 points.

You went to a bank and opened a savings account. You explained to your parents that a better interest rate on your loan than the bank's. You earned 2 points.

You went to a bank and opened a savings account. You explained to your parents that a better interest rate on your loan than the bank's. You earned 2 points.

Keys Included

Great for student self-checking

CALCULATING PROFIT

410B
44A

KEY

CALCULATING PROFIT

410B
44A

KEY

SET OF HANDMADE CARDS 	Selling price: \$12 Profit: \$4.77	Selling price: \$13 Profit: \$5.77	Selling price: \$14 Profit: \$6.77	Selling price: \$15 Profit: \$7.77	Selling price: \$16 Profit: \$8.77
CAKE 	Selling price: \$12 Profit: \$3.28	Selling price: \$15 Profit: \$6.28	Selling price: \$16 Profit: \$7.28	Selling price: \$18 Profit: \$9.28	Selling price: \$20 Profit: \$11.28
BICYCLE 	Selling price: \$95 Profit: \$27.63	Selling price: \$100 Profit: \$32.63	Selling price: \$115 Profit: \$47.63	Selling price: \$120 Profit: \$52.63	Selling price: \$125 Profit: \$57.63
PAINTING 	Selling price: \$400 Profit: \$286.82	Selling price: \$500 Profit: \$386.82	Selling price: \$575 Profit: \$461.82	Selling price: \$650 Profit: \$536.82	Selling price: \$775 Profit: \$661.82
TREE HOUSE 	Selling price: \$900 Profit: \$315	Selling price: \$950 Profit: \$365	Selling price: \$1,000 Profit: \$415	Selling price: \$1,075 Profit: \$490	Selling price: \$1,150 Profit: \$565
MOTORHOME 	Selling price: \$50,000 Profit: \$21,948	Selling price: \$52,000 Profit: \$23,948	Selling price: \$55,000 Profit: \$26,948	Selling price: \$57,000 Profit: \$28,948	Selling price: \$60,000 Profit: \$31,948

©Melissa Johnson www.MarvelMath.com

FIXED VS. VARIABLE EXPENSES

410A

KEY

JUAN

MAYA

EVELYN

LOGAN

FIXED VS. VARIABLE EXPENSES

410A

KEY

JUAN

MAYA

EVELYN

LOGAN

			
 Rent, Power Bill, Health Insurance, Cell Phone	Mortgage, Trash Pick-Up, Car Payment	Rent, Gym Membership, Cell Phone	Mortgage, Trash Pick-Up, Internet & TV, Cell Phone
 Dining Out, Groceries, Car Repairs	Power Bill, Entertainment, Groceries, Cell Phone	Power Bill, Dining Out, Groceries, Gifts	Power Bill, Groceries, Yard Service
 Fixed Expense	Variable Expense	Fixed Expense	Fixed Expense
 Rent	\$1,615	Power Bill	\$494.56
 It is a fixed expense, because it is the same amount every month.	It is a variable expense, because it changes from month to month.	It is a variable expense, because it changes from month to month.	Cell Phone Bill
 It is a variable expense, because it changes from month to month.	It is a fixed expense, because it is the same amount every month.	It is a fixed expense, because it is the same amount every month.	It is a variable expense, because it changes from month to month.

©Melissa Johnson www.MarvelMath.com

Color and Blackline Versions

For every game



About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

