

VIDEO GAME TRUCK

GET YOUR GAME ON

A Multiplication and Division Project



GET YOUR GAME ON

First you must choose a name and a slogan for your truck. The name and slogan must be catchy and capture the essence of your business.

MY BUSINESS NAME: _____

MY SLOGAN: _____

Now that you have your slogan you must write your business plan. Be sure you need to come up with a plan to make money and set a budget aside.

One of the things you need to consider is the game consoles you want.

Game Consoles

TYPE OF CONSOLE	PRICE PER CONSOLE	HOW MANY YOU WANT TO SELL	TOTAL PRICE
Xbox One	\$400.00	8	?
Playstation 4	\$150.00	6	?
Wii U	\$250.00	5	?
Total Money You Need			?

GET YOUR GAME ON PARTY PACKAGES

Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 3

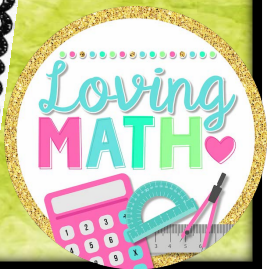
- You sell 120 "Any Day Party Packages" for 2 hours each. \$ _____
- You sell 16 "Weekday Party Packages" for 3 hours each. \$ _____
- You sell 12 "Weekday Party Packages" for 5 1/2 hours each. \$ _____
- You sell 12 "Weekend Party Packages" for 3 hours each. \$ _____
- You sell 10 "Weekend Party Packages" for 2 1/2 hours each. \$ _____

Total money earned with this scenario: _____

GET YOUR GAME ON FOOD

Party venues make the most money by selling food. Why not add food services to your business? You and your team agree on with the best food choices and prices. Calculate how much you can make.

Food Type	Quantity Sold in 1 Week	Earnings
Popcorn	57	?
Chips	?	?
Cookies	?	\$426
Juice	?	\$1405
Total amount of money	?	\$294



GET YOUR GAME ON

Design your own video game truck!

GET YOUR GAME ON

First you must choose a name and a slogan for your truck. The name and slogan must be catchy and capture the essence of your business.

MY BUSINESS NAME: _____

MY SLOGAN: _____

GET YOUR GAME ON

VIDEO GAMES

You want to make sure you have a variety of games for your clients. A happy customer is a repeat customer or better yet a referral. Complete the table to help you figure out your for video games.

BUY YOU TO BUY	YOUR PRICE
5	?
3	?
3	\$225
?	?

Now that you have your slogan you must write your business plan. Be you need to come up with a plan to make money and set a budget aside.

One of the things you need to consider is the game consoles you want

Game Consoles

Below are the prices per console. Calculate the missing numbers.

TYPE OF CONSOLE	PRICE PER CONSOLE	HOW MANY YOU WANT TO BUY?	TOTAL PRICE
Xbox One	\$400.00	8	?
Playstation 4	\$350.00	6	?
Wii U	\$250.00	5	?
Total Money You Need			?

GET YOUR GAME ON

CONTROLLERS

Multiplayer is Key! You want to make sure you have enough controllers for each console type to allow big parties to play in teams. Complete the table below to figure out how much money you need for game controllers.

TYPE OF CONSOLE	PRICE PER CONTROLLER	HOW MANY YOU WANT TO BUY?	TOTAL PRICE
Xbox One	\$28	34	?
	\$36	26	
	?	18	

GET YOUR GAME ON

SEATING

You want to make sure everyone feels comfortable inside your truck. Gaming chairs, benches, and bean bags are all good choices. Figure out the cost of seating for your customers!

SEATING TYPE	PRICE PER UNIT	QUANTITY	TOTAL PRICE
Gaming Chairs	\$255	5	?
Bean bags	\$43	17	?
Benches	?	4	\$1,512
		14	\$126
			?

GET YOUR GAME ON

TV'S AND ACCESSORIES

What good is a game console without a TV? You need to purchase TV's and accessories to make sure everything runs smoothly. Figure out the cost below.

ITEM	PRICE PER UNIT	QUANTITY	TOTAL PRICE
TV'S	?	8	\$5,080
Internet Routers		4	\$712
Headsets	\$26	25	?
Lighting	\$18	16	?
Total Amount of Money			?

GET YOUR GAME ON

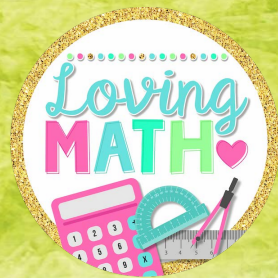
EMPLOYEES

Now that you are a business owner, you need to hire people to help you run your business. You need at least 4 people to run a successful video game truck plus 2 more in charge of advertisement and finances.

You have a budget of \$3,600 a week for payroll. Every person will work 40 hours each week. You have 6 employees. Each one gets paid the same per hour.

How much can you afford to pay each person per hour?

Show your work here



GET YOUR GAME ON

Practice multi-digit multiplication and division!

GET YOUR GAME ON

First you must choose a name and a slogan for your truck. The name and slogan must be catchy and capture the essence of your business.

MY BUSINESS NAME: _____

MY SLOGAN: _____

Now that you have your slogan you must write your business plan. Basically, you need to come up with a plan to make money and set a budget aside.

One of the things you need to consider is the game consoles you want to buy.

Game Consoles

Below are the prices per console. Calculate the missing numbers.

TYPE OF CONSOLE	PRICE PER CONSOLE	HOW MANY YOU WANT TO BUY?	TOTAL PRICE
Xbox One	\$400.00	8	?
Playstation 4	\$350.00	6	?
Wii U	\$250.00	5	?
Total Money You Need			?

GET YOUR GAME ON

CONTROLLERS

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TYPE OF CONSOLE	PRICE PER CONTROLLER	HOW MANY YOU WANT TO BUY	TOTAL PRICE
Xbox One	\$28	34	?
Playstation 4	\$36		
Wii U	?		
Total Money Needed			

GET YOUR GAME ON

SEATING

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SEATING TYPE	PRICE PER UNIT	QUANTITY	TOTAL PRICE
Gaming Chairs	\$255	5	?
Bean bags	\$43	17	?
		4	\$1,512
		14	\$126
			?

GET YOUR GAME ON

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What good is a game console without a TV? You need to purchase TV's and accessories to make sure everything runs smoothly. Figure out the cost below.

ITEM	PRICE PER UNIT	QUANTITY	TOTAL PRICE
TV'S	?	8	\$5,080
Internet Routers		4	\$712
Headsets	\$26	25	?
Lighting	\$18	16	?
Total Amount of Money			?

GET YOUR GAME ON

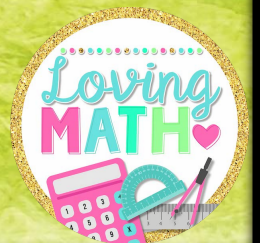
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How much can you afford to pay each person per hour?

Show your work here



GET YOUR GAME ON

Great for a Center Activity, Early Finishers, or Enrichment!

GET YOUR GAME ON



CONGRATULATIONS!

You have decided to turn your passion into a business! Opening your very first video game truck. You are excited that you will be making money while making kids happy all over your state.

You purchase a truck to customize as your very own video game truck.

Math is everywhere and you won't make any money unless you calculate ways to make a profit.

You will put your math skills to the test while you design your truck and build your new business.

Good luck!

GET YOUR GAME ON PARTY PACKAGES

Of course your money maker would be renting out your truck for birthday parties, graduation parties, or any other celebration.

You and your team design the following price table:

TYPE OF PARTY	PRICE
Any Day Party	\$22.5 for 1 hour \$12.5 for additional half hour
Weekend Party (Friday-Sunday)	\$50 for 2 hours \$12.5 for additional half hour
Weekday Party (Monday-Thursday)	\$32.5 for 2 hours \$12.5 for additional half hour

GET YOUR GAME ON PARTY PACKAGES

Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 1

You sell 10 "Any Day Parties" How much? \$ _____

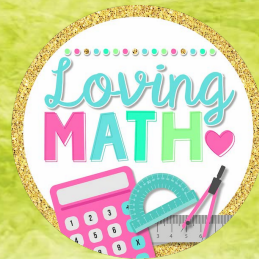
You sell 15 "Weekday Party Packages" for 2 hours each \$ _____

You sell 3 "Weekday Party Packages" for 2 1/2 hours each \$ _____

You sell 24 "Weekend Party Packages" for 2 hours each \$ _____

You sell 6 "Weekend Party Packages" for 2 1/2 hours each \$ _____

Total money earned with this scenario.....\$ _____





GET YOUR
★
GAME ON



Note to the teacher

Thank you for purchasing this resource.

This project was created to allow students to practice multiplication and division skills in an engaging and fun way by designing their own video game truck and calculating expenses and profits for their business.

Instead of boring worksheets, they have the opportunity to practice multi digit multiplication and long division and at the same time get a course on business planning.

This project is sure to get your students excited. It is my goal that they enjoy it and at the same time sharpen their mathematical skills.

Loving Math



GET YOUR
GAME ON

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MY BUSINESS NAME: _____

MY SLOGAN: _____

Now that you have your slogan you must write your business plan. Basically, you need to come up with a plan to make money and set a budget aside.

One of the things you need to consider is the game consoles you want to buy.

Game Consoles

Below are the prices per console. Calculate the missing numbers.

TYPE OF CONSOLE	PRICE PER CONSOLE	HOW MANY YOU WANT TO BUY?	TOTAL PRICE
Xbox One	\$400.00	8	?
Playstation 4	\$350.00	6	?
Wii U	\$250.00	5	?
Total Money You Need			?



GET YOUR GAME ON



VIDEO GAMES

You want to make sure you have a variety of games for your clients. A happy customer is a repeat customer or better yet a referral. Complete the table to help you figure out your cost for video games.

TYPE OF CONSOLE	PRICE PER GAME	HOW MANY YOU WANT TO BUY	TOTAL PRICE
Xbox One	\$58	15	?
Playstation 4	\$62	13	?
Wii U	?	9	\$225
Total Money You Need			?



GET YOUR GAME ON



CONTROLLERS

Multiplayer is key! You want to make sure you have enough controllers for each console type to allow big parties to play in teams. Complete the table below to figure out how much money you need for game controllers.

TYPE OF CONSOLE	PRICE PER CONTROLLER	HOW MANY YOU WANT TO BUY	TOTAL PRICE
Xbox One	\$28	34	?
Playstation 4	\$36	26	?
Wii U	?	18	\$450
Total Money You Need			?



GET YOUR GAME ON



SEATING

You want to make sure everyone feels comfortable inside your truck. Gaming chairs, benches, and bean bags are all good choices. Figure out the cost of seating for your customers!

SEATING TYPE	PRICE PER UNIT	QUANTITY	TOTAL PRICE
Gaming Chairs	\$255	5	?
Bean bags	\$43	17	?
Benches	?	4	\$1,512
Floor Pillows	?	14	\$126
Total Amount of Money			?



GET YOUR GAME ON



TV'S AND ACCESSORIES

What good is a game console without a TV? You need to purchase TV's and accessories to make sure everything runs smoothly. Figure out the cost below.

ITEM	PRICE PER UNIT	QUANTITY	TOTAL PRICE
TV'S	?	8	\$5,080
Internet Routers		4	\$712
Headsets	\$26	25	?
Lighting	\$18	16	?
Total Amount of Money			?



GET YOUR GAME ON



EMPLOYEES

Now that you are a business owner, you need to hire people to help you run your business. You need at least 4 people to run a successful video game truck plus 2 more in charge of advertisement and finances.

You have a budget of \$3,600 a week for payroll. Every person will work 40 hours each week. You have 6 employees. Each one gets paid the same per hour.

How much can you afford to pay each person per hour?

Show your work here

GET YOUR GAME ON



PARTY PACKAGES



Of course your money maker would be renting out your truck for birthday parties, graduation parties, or any other celebration.

You and your team design the following party packages.

TYPE OF PARTY	PRICE	NUMBER OF PLAYERS (maximum)
Any Day Party	\$225 for 1 hour \$125 for additional half hour	25
Weekend Party (Friday-Sunday)	\$350 for 2 hours \$125 for additional half hour	25
Weekday Party (Monday-Thursday)	\$325 for 2 hours \$125 for additional half hour	25

GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 1

You sell 10 "Any Day Party Packages" How much? \$ _____

You sell 15 "Weekday Party Packages" for 2 hours each. \$ _____

You sell 3 "Weekday Party Packages" for 2 ½ hours each. \$ _____

You sell 24 "Weekend Party Packages" for 2 hours each \$ _____

You sell 6 "Weekend Party Packages" for 2 ½ hours each \$ _____

Total money earned with this scenario.....\$



GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 2

You sell 15 "Any Day Party Packages" How much? \$ _____

You sell 12 "Weekday Party Packages" for 2 hours each. \$ _____

You sell 4 "Weekday Party Packages" for 2 1/2 hours each. \$ _____

You sell 23 "Weekend Party Packages" for 2 hours each \$ _____

You sell 7 "Weekend Party Packages" for 2 1/2 hours each \$ _____

Total money earned with this scenario.....\$



GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 3

You sell 20 "Any Day Party Packages" How much? \$ _____

You sell 16 "Weekday Party Packages" for 2 hours each. \$ _____

You sell 5 "Weekday Party Packages" for 2 1/2 hours each. \$ _____

You sell 22 "Weekend Party Packages" for 2 hours each \$ _____

You sell 5 "Weekend Party Packages" for 2 1/2 hours each \$ _____

Total money earned with this scenario.....\$



GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Let's Compare Scenarios

Which scenario made you the most money? _____

Which scenario made you the least money? _____

How much more money did you make with the most profitable scenario than with the least profitable one? _____



GET YOUR GAME ON

FOOD



Party venues make the most money by selling food. Why not add food services to your business? You and your team come up with the best food choices and prices. Calculate how much you can make.



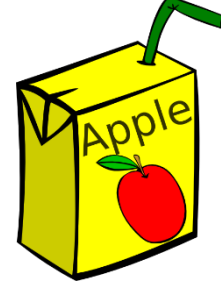
Popcorn
\$4



Chips
\$3



Cookies
\$5



Juice
\$2

Food Type	Quantity Sold in 1 Week	Earnings
Popcorn	57	?
Chips	?	\$426
Cookies	?	\$1605
Juice	?	\$294
Total amount of money		?

GET YOUR GAME ON

REFLECTION

Based on the data you have collected, would you consider this type of business? Why or why not?

What would you change to make this business better?





ANSWER KEY

The following pages
are duplicate pages
with answer keys



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One of the things you need to consider is the game consoles you want to buy.

Game Consoles

Below are the prices per console. Calculate the missing numbers.

TYPE OF CONSOLE	PRICE PER CONSOLE	HOW MANY YOU WANT TO BUY?	TOTAL PRICE
Xbox One	\$400.00	8	\$3,200
Playstation 4	\$350.00	6	\$2,100
Wii U	\$250.00	5	\$1,250
Total Money You Need			\$6,550



GET YOUR GAME ON



VIDEO GAMES

You want to make sure you have a variety of games for your clients. A happy customer is a repeat customer or better yet a referral. Complete the table to help you figure out your cost for video games.

TYPE OF CONSOLE	PRICE PER GAME	HOW MANY YOU WANT TO BUY	TOTAL PRICE
Xbox One	\$58	15	\$870
Playstation 4	\$62	13	\$806
Wii U	\$25	9	\$225
Total Money You Need			\$1,901



GET YOUR GAME ON



CONTROLLERS

Multiplayer is key! You want to make sure you have enough controllers for each console type to allow big parties to play in teams. Complete the table below to figure out how much money you need for game controllers.

TYPE OF CONSOLE	PRICE PER CONTROLLER	HOW MANY YOU WANT TO BUY	TOTAL PRICE
Xbox One	\$28	34	\$952
Playstation 4	\$36	26	\$936
Wii U	\$25	18	\$450
Total Money You Need			\$2,338



GET YOUR GAME ON



SEATING

You want to make sure everyone feels comfortable inside your truck. Gaming chairs, benches, and bean bags are all good choices. Figure out the cost of seating for your customers!

SEATING TYPE	PRICE PER UNIT	QUANTITY	TOTAL PRICE
Gaming Chairs	\$255	5	\$1,275
Bean bags	\$43	17	\$731
Benches	\$378	4	\$1,512
Floor Pillows	9	14	\$126
Total Amount of Money			\$3,644



GET YOUR GAME ON



TV'S AND ACCESSORIES

What good is a game console without a TV? You need to purchase TV's and other accessories to make sure everything runs smoothly. Figure out the cost below.

ITEM	PRICE PER UNIT	QUANTITY	TOTAL PRICE
TV'S	\$635	8	\$5,080
Internet Routers	\$178	4	\$712
Headsets	\$26	25	\$650
Lighting	\$18	16	\$288
Total Amount of Money			\$6,730



GET YOUR GAME ON



EMPLOYEES

Now that you are a business owner, you need to hire people to help you run your business. You need at least 4 people to run a successful video game truck plus 2 more in charge of advertisement and finances.

You have a budget of \$3,600 a week for payroll. Every person will work 40 hours each week. You have 6 employees. Each one gets paid the same per hour.

How much can you afford to pay each person per hour?

Show your work here

\$15 per hour

GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 1

You sell 10 "Any Day Party Packages" How much?	\$2,250
You sell 15 "Weekday Party Packages" for 2 hours each.	\$4,875
You sell 3 "Weekday Party Packages" for 2 ½ hours each.	\$1,350
You sell 24 "Weekend Party Packages" for 2 hours each	\$8,400
You sell 6 "Weekend Party Packages" for 2 ½ hours each	\$2,850
Total money earned with this scenario	\$19,725



GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 2

You sell 15 "Any Day Party Packages" How much?	\$3,375
You sell 12 "Weekday Party Packages" for 2 hours each.	\$3,900
You sell 4 "Weekday Party Packages" for 2 1/2 hours each.	\$1,800
You sell 23 "Weekend Party Packages" for 2 hours each	\$8,050
You sell 7 "Weekend Party Packages" for 2 1/2 hours each	\$3,325
Total money earned with this scenario.....	\$20,450



GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Scenario 3

You sell 20 "Any Day Party Packages" How much? \$4,500

You sell 16 "Weekday Party Packages" for 2 hours each. \$5,200

You sell 5 "Weekday Party Packages" for 2 1/2 hours each. \$2,250

You sell 22 "Weekend Party Packages" for 2 hours each \$7,700

You sell 5 "Weekend Party Packages" for 2 1/2 hours each \$2,375

Total money earned with this scenario.....\$22,025



GET YOUR GAME ON



PARTY PACKAGES



Using your party package table, let's figure out how much gross profit you can make in one week using different scenarios.

Let's Compare Scenarios

Which scenario made you the most money? **Scenario 3**

Which scenario made you the least money? **Scenario 1**

How much more money did you make with the most profitable

scenario than with the least profitable one? **\$2,300**



GET YOUR GAME ON

FOOD



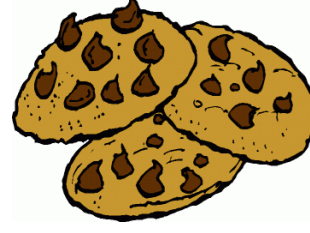
Party venues make the most money by selling food. Why not add food services to your business? You and your team come up with the best food choices and prices. Calculate how much you can make



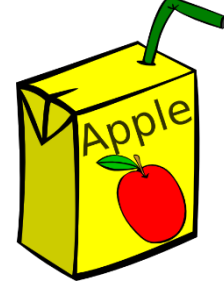
Popcorn
\$4



Chips
\$3



Cookies
\$5



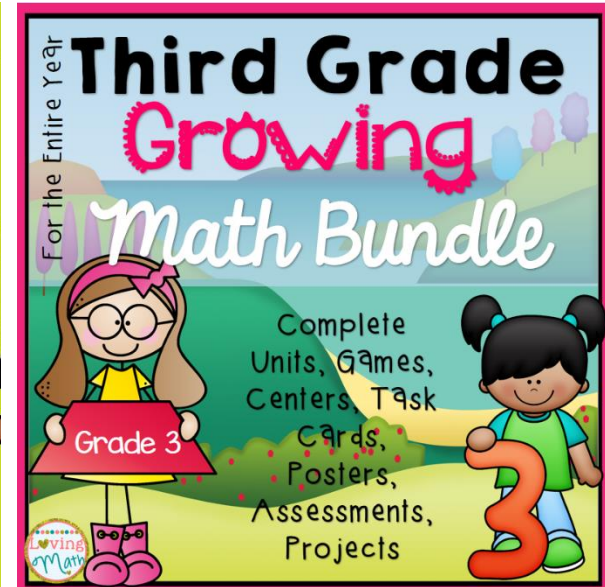
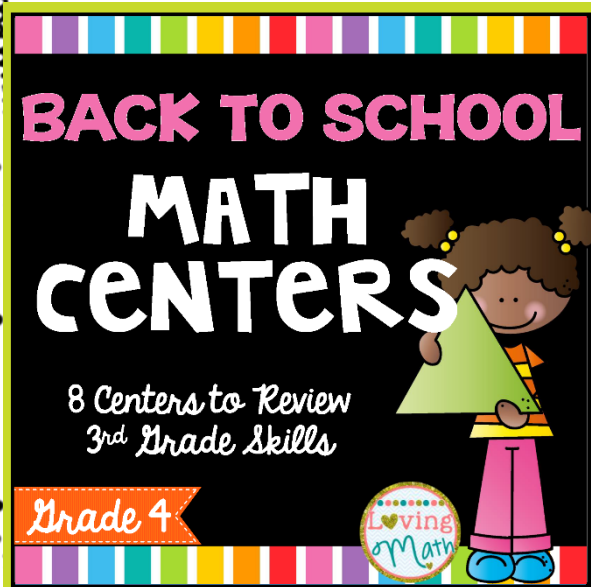
Juice
\$2

Food Type	Quantity Sold in 1 Week	Earnings
Popcorn	57	\$228
Chips	142	\$426
Cookies	321	\$1605
Juice	147	\$294
Total amount of money		\$2,553

Recommended Resources

Check out these other resources in my [TPT store](#)!

Click on each picture to take you to the link.



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