Blue Group: Your Task
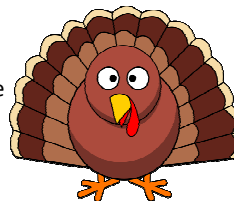
You are planning a big Thanksgiving feast for **24 people.**
You have a **budget of $100** to buy the food items below. You must use **multiplication and division** to create a budget. Work together by assigning each member of your group a food item. Each person is to calculate enough food to feed 24 people. **Show all of your work and calculate the total cost of the feast**. Do you have enough money?

Apple Cider:
$3.75 per gallon.
One gallon serves 12 people

$2.25 per half gallon
½ half gallon serves 6 people.

Turkey
$1.25 per pound.
A 10 pound turkey serves 8 people.
A 12 pound turkey serves 12 people.

Mashed Potatoes:
$1.50 for a 3 pound bag.
3 pounds serves 8 people.

Dinner Rolls:
$2.50 per package.
One package will serve 8 people.

Pumpkin Pie:
$6.50 for a small pie.
A small pie serves 6 people.
$8.50 for a large pie.
A large pie serves 8 people.

Green Beans:
$1.09 for a large can
A large can serves 4 people.

$0.79 for a small can
A small can serves 2 people.

Blue Group: Your Work

Food Item:	Decimal Math:	Final Cost:
Apple Cider		

Blue Group: Your Work

Food Item:	Decimal Math:	Final Cost:
Turkey		

Blue Group: Your Work

Food Item:	Decimal Math:	Final Cost:
Mashed Potatoes		

Blue Group: Your Work

Food Item:	Decimal Math:	Final Cost:
Dinner Rolls		

Blue Group: Your Work

Food Item:	Decimal Math:	Final Cost:
Green Beans		

Blue Group: Your Work

Food Item:	Decimal Math:	Final Cost:
Pumpkin Pies		

Blue Group: Your Solution

All members of the team should write in the final cost for the food item they calculated.

Final Cost for Each Item:

Cider: $_____

Turkey: $_____

Mashed Potatoes: $_____

Green Beans: $_____

Dinner Rolls: $_____

Pumpkin Pie: $_____

TOTAL: **$_____**

Are you in budget of $100?   YES   NO

Next, use addition to get a total cost of the food items.

Then tell me if you were able to stay in a budget of $100.

Blue Group: Your Reflection / Exit Slip

Your name: _____

Was your team able to purchase all of the food items to serve 24 people AND stay within a budget of $100?

How did multiplication and division make your task easier?

How could you have used estimation to make your task easier?

Purple Group: Your Task

Your school is running a Thanksgiving pie sale!
You have to calculate how much money the school made from selling all of the pies. Work together by assigning each member of your group a class. If there is an extra class share it.
Use multiplication to calculate the totals for each class. Once all the classes are totaled, tell me how much the school made in the pie sale.

Using the information below, **show all of your work**!

Small pies cost **$6.25 each**

Large pies cost **$8.50 each**

Orders by Class:	
Room 257:	11 small
	6 large
Room 256:	2 small
	13 large
Room 253:	5 small
	5 large
Room 244:	8 small
	12 large
Room 260:	3 small
	9 large
Room 263:	7 small
	2 large

Purple Group: **Your Work**

Food Item:	Decimal Math:	Money Collected
Room 257	Small pies:	
	Large pies:	
	CLASS TOTAL:	

Purple Group: **Your Work**

Food Item:	Decimal Math:	Money Collected
Room 256	Small pies:	
	Large pies:	
	CLASS TOTAL:	

Purple Group: Your Work

Food Item:	Decimal Math:	Money Collected
Room 253	Small pies:	
	Large pies:	
	CLASS TOTAL:	

Purple Group: Your Work

Food Item:	Decimal Math:	Money Collected
Room 244	Small pies:	
	Large pies:	
	CLASS TOTAL:	

Purple Group: Your Work

Food Item:	Decimal Math:	Money Collected
Room 260	Small pies:	
	Large pies:	
	CLASS TOTAL:	

Purple Group: Your Work

Food Item:	Decimal Math:	Money Collected
Room 263	Small pies:	
	Large pies:	
	CLASS TOTAL:	

Purple Group: Your Solution

All members of the team should write in the total money collected from each class.

Next, use addition to get a total amount collected from the pie sale.

Total amount collected from each class:

Room 257: $_____

Room 256: $_____

Room 253: $_____

Room 244 $_____

Room 260 $_____

Room 263: $_____

TOTAL: **$_____**

Purple Group: Your Reflection / Exit Slip

Your name: _____

How much money did the school collect from the pie sale?

How did multiplication your task easier?

How could you have used estimation to make your task easier?

Green Group: Your Task

Your group is planning a Thanksgiving dinner.
You have to figure out the cost per person by rolling a dice.
Watch out, the **bolded items** require you to <u>roll two dice and add up the numbers</u>! **Work together by splitting up the work. Show all of your work!**
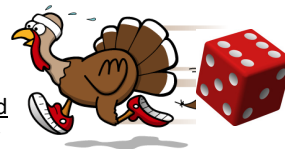
Menu Item:	Item Cost:		Total # of People: DICE ROLL		Total Cost Per Person
Turkey	$6.25	X		=	
Mashed potatoes	$0.45	X		=	
Gravy	$0.25	X		=	
Corn	$1.35	X		=	
Stuffing	$1.15	X		=	
Cranberry Sauce	$0.62	X		=	
Rolls	$0.75	X		=	
Pumpkin pie	$1.25	X		=	

Green Group: Your Work

| Turkey |
| 6.25 |
| X ☐ |

| Mashed Potatoes |
| 0.45 |
| X ☐ |

| Gravy |
| 0.25 |
| X ☐☐ |

| Corn |
| 1.35 |
| X ☐ |

Green Group: Your Work

Stuffing

$$1.15$$
$$X \quad \square$$

Cranberry Sauce

$$0.62$$
$$X \quad \square\square$$

Rolls

$$0.75$$
$$X \quad \square\square$$

Pumpkin Pie

$$1.25$$
$$X \quad \square$$

Green Group: Your Reflection / Exit Slip

Your name: _____

Look at your total cost per person column. How could you have used estimation to make your task easier?
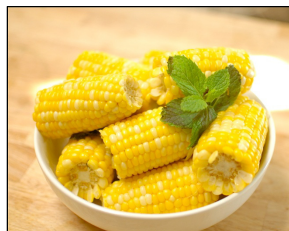
Orange Group: Your Task

Your group is buying items for a Thanksgiving meal.
Using money, you will have to show your responses to the questions. You will need the prices below.

Turkey: $32.24

Rolls: $6.95

Corn: $3.20

Mashed Potatoes: $4.70

Pumpkin Pie: $9.99

Orange Group: Your Task

1. What is the most expensive item? _____ Least expensive? _____

2. **How much more** is the turkey than the mashed potatoes?

3. How much would **6 pumpkin pies** cost?

4. If you bought **corn AND bread**, how much would you spend?

Orange Group: **Your Task**

5. How many turkeys could you buy if you had **$100 to spend**?

6. If you purchased **all five items**, how much would you spend altogether?

Orange Group: **Your Reflection / Exit Slip**

Your name: _____

Using money, show me how you would solve: $2.35 x 6

How could you estimate a solution to $2.35 x 6?