

The Food Budget #1

Addition and subtraction

A budget is a plan for spending money. Many people plan how much money they want to spend for food each week. They try not to spend more than the amount in their budget.

Example: Mary Rose's food budget is \$175 per week. So far she has spent \$101.

Problem: How much does she have left for the rest of the week?

Solution: Amount in budget: \$175
Subtract the amount spent $\underline{-101}$
\$74



She has \$74 left.

Directions: Answer the questions below.

1. Tony planned to spend \$100 for food this week. On Monday he spent \$22 and on Thursday he spent \$52. How much money does he have left for the week?

2. Kate's food budget for the month is \$700. The first week she spent \$189, the second week she spent \$200 and the third week she spent \$150. How much did she spend?
_____ How much does she have left for the last week? _____
3. Last week Karen spent \$121.35 on food for her family. She only has \$200 to spend every two weeks. How much does she have left to spend? _____
4. Mike and Lisa try not to spend more than \$150 per week on groceries (including going out to eat). Mike spent \$84 on groceries and Lisa spent \$23. They both went out for lunch on Wednesday and spent \$30. How much money do they have left for groceries or dining out? _____

The Shopping List #2

Multiplication, division and addition

Have you ever gone to the grocery store and then forgotten half of the things you wanted to buy? Smart shoppers make a list of what they need to buy before going shopping. A list will help you remember what you need and it will help you avoid buying things that you don't need.

The Northern Store 			
Orange juice	\$2.19	Container of olive oil	\$9.59
Cheese slices (one package)	\$8.95	Ice cream (1 litre)	\$5.79
Frozen pizza	\$12.99	Large eggs (1 dozen)	\$3.99
Parmesan cheese	\$7.89	Low fat milk (2 litres)	\$4.99
Spaghetti noodles	\$2.99	Pork chops (2)	\$4.98
Cereal	\$6.99	Chicken breasts (4)	\$11.98
12 grain bread	\$3.49	1 container of yogurt	\$.99

Directions: Use the prices above and find the total cost of the items on each person's shopping list. You may need another sheet of paper to do the problems. The first one is done for you.

1. Lisa's List	\$ Each	Cost
2 pizzas	$2 \times \$12.99$	\$25.98
1 cereal	\$6.99	\$6.99
2 dozen eggs	$2 \times \$3.99$	\$7.98
2 packages of cheese	$2 \times \$8.95$	\$17.90
	Total	\$58.85

Shopping for the Kitchen

2. Jill's List	\$ Each	Cost
2 orange juice		
2 spaghetti noodles		
6 pork chops		
12 yogurt		
	Total	

3. Joe's List	\$ Each	Cost
1 parmesan cheese		
2 litres ice cream		
2 loaves of bread		
8 chicken breasts		
	Total	

4. Mike's List	\$ Each	Cost
1 olive oil		
3 frozen pizzas		
4 pork chops		
2 spaghetti noodles		
	Total	

5. Mary's List	\$ Each	Cost
2 low fat milk		
3 litres of ice cream		
2 chicken breasts		
3 packages of cheese slices		
	Total	

More on Shopping Lists #3

Multiplication, division and addition

Below is a list of food and prices. Use the list to answer the questions below.

kilogram (kg) litre (L) 1 dozen = 12

Cheese	\$7.88/kg
Tomatoes	\$3.89/kg
Bananas	\$1.99/kg
Milk	\$2.49/L
Bread	\$3.79/loaf
Oranges	\$5.99/kg
Grapes	\$4.89/kg
Eggs	\$2.69/dozen

Directions: Jack has \$65 for grocery shopping. Calculate the total amount of the shopping list below. Does Jack have enough money? The first one is done for you.

Quantity of Grocery Item	Price	Total	Running Total
2 kg of tomatoes	\$3.89/kg	\$7.78	\$7.78
2 kg of oranges	\$5.99/kg		
½ kg of cheese	\$7.88/kg		
3 dozen eggs	\$2.69/dozen		
2 kg of grapes	\$4.89/kg		
2 L of milk	\$2.49/L		
3 loaves of bread	\$3.79/loaf		
4 kg of bananas	\$1.99/kg		

Shopping for the Kitchen

What was the total amount spent on shopping? _____

How much money will be left over, or how much more money is needed?

Does Jack have enough money? _____

Estimating Your Groceries #4

Estimation, multiplication and addition

Usually when we go to the grocery store we don't have a calculator with us. We usually estimate how much things will cost.

Part 1: Emily has \$60 for grocery shopping. When shopping, Emily estimates the total amount of the groceries. To estimate, round each item to the nearest dollar. Keep track of the running total to see if Emily has enough money. The first one is done for you.

Item on list	Price per unit	Your estimate	Estimate running total
3 kg of ground beef	\$2.69/kg	\$9.00	\$9.00
3 kg of chicken	\$3.99/kg		
5 cartons of juice	\$2.28/carton		
2 kg of bananas	\$.99/kg		
2 packages of butter	\$3.29/package		
3 dozen(12) eggs	\$2.59/doz		
5 kg of potatoes	\$1.19/kg		
2 packages of carrots	\$3.19/package		

Calculate the total without estimating. _____

What is the difference between the actual and the estimate? _____

Shopping for the Kitchen

Part 2: Jacob has \$75 for grocery shopping. When shopping, Jacob estimates the total amount of groceries. To estimate, round each item to the nearest dollar. Keep track of the running total to see if Jacob has enough money. The first one is done for you.

Item on list	Price per unit	Your estimate	Estimate running total
5 loaves of bread	\$3.05/loaf	\$15.00	\$15.00
2 kg of apples	\$3.99/kg		
3 boxes of cereal	\$3.89/box		
4 cans of beans	\$1.29/can		
5 cans of pizza sauce	\$.89/can		
4 boxes of macaroni and cheese	\$1.79/box		
4 L of milk	\$2.69/2L		
2 kg of cheese	\$4.78/kg		

Calculate the total without estimating. _____

What is the difference between the actual and the estimate? _____