



# **Survival Maths**

## **Food Shopping**

*Written by Marjorie Stouffer*

The *Survival Maths* series is designed to help students gain confidence in performing everyday tasks that require maths.

Students will be drawn into not only doing these exercises, but doing them with enthusiasm. The material is of immediate relevance, and is therefore meaningful to his/her experience.

Skills to be learned from the exercises include:

- mathematical problem solving,
- awareness of how to approach problem solving,
- analysis of situations,
- defining and working towards a goal,
- the numerous life skills required for daily personal management of money, time and work.

Apart from providing the opportunity for mathematical problem solving, these books are of relevance to home economics' classes, basic commercial studies and for students of English as a second language, they provide a coverage of terminology of everyday situations and procedures.

There are four books in the series:

- 3416 Food Shopping
- 3415 Money
- 3414 On the Job
- 3417 Around The Home

The topics covered in *Food Shopping* are as follows:

- How Food is Packaged
- Buying Produce
- Buying Meat, Fish and Poultry
- Buying Canned or Bottled Goods
- Buying Dairy Products
- Buying Dry Boxed Goods
- Shopping for a Party
- Grocery Bills
- Estimating Costs
- Shopping for Dinner
- Shopping for a Party
- Shopping List

The Answer Section is at the back of the book.

# Food Shopping

Buying Meat, Fish, and Poultry

Name \_\_\_\_\_

**Use the newspaper ad to answer the questions below.**

<p>BEEF — LOIN Porterhouse Steaks ..... \$6.95 kg</p> <p>BEEF — BONELESS ROUND Sirloin Tip Steaks ..... \$4.95 kg</p> <p>BEEF TOP ROUND London Broil Steaks ..... \$3.99 kg</p> <p>BEEF — BONELESS CHUCK Family Steaks ..... \$3.99 kg</p> <p>BONELESS Lean Stewing Beef ..... \$1.99 kg</p> <p>DOES NOT EXCEED 2% FAT — FRESH QUALITY Lean Minced Beef ..... \$2.99 kg</p> <p>SHANK Hams ..... \$1.39 kg</p> <p>MED. SIZE Fancy Pork Spareribs ..... \$3.89 kg</p>	<p>FULL ¼ PORK LOIN Fresh Pork Loin Chops ..... \$2.99 kg</p> <p>FRESH — WHOLE Chicken Legs ..... \$1.99 kg</p> <p>Fresh Game Hens ..... \$2.99 kg</p> <p>RINDLESS Bacon ..... \$7.99 kg</p> <p>Fresh Perch Fillets ..... \$7.99 kg</p> <p>FRESH Gemfish Fillets ..... \$6.99 kg</p> <p>LEG AND CLAWS Crabs ..... \$5.99 kg</p> <p>Crab Meat ..... \$4.89 kg</p>
---	--

1. Which is the most expensive cut of beef in the ad? \_\_\_\_\_ How much would 3 kg cost? \_\_\_\_\_
2. Jeff is preparing hamburgers for himself and seven friends. He needs to buy 150 grams of minced beef for each person. How much minced beef will he need altogether? \_\_\_\_\_ How much will this cost? \_\_\_\_\_
3. Which is the better buy: fresh perch fillets or gemfish fillets? \_\_\_\_\_ Why? \_\_\_\_\_
4. Karen is planning a barbecue. She needs to buy 2 kilograms of chicken legs and 2 kilograms of spareribs. How much will the chicken legs cost altogether? \_\_\_\_\_ How much will the spareribs cost altogether? \_\_\_\_\_
5. Mary's recipe for stew calls for either 1 kilogram of minced beef or 1 kilogram of stewing beef. Mary wants to save as much money as she can. Which meat should she use? \_\_\_\_\_ How much will it cost? \_\_\_\_\_

**On Your Own:** Find a recipe that calls for minced beef. Use the ad at the top of this page to figure out how much you would spend on meat for that recipe. Do the same for a recipe that calls for pork chops.

# Food Shopping

Buying Dairy Products

Name \_\_\_\_\_

Eggs are sold in the dairy section and are used in many recipes in place of meat. Eggs are used with other dairy products in main dishes and desserts.

**Read the recipe below. Then use the ads to find the cost of the dairy products and eggs needed for the recipe.**

### Cheese Souffle

- 250 grams butter
- 250 mL milk
- ¾ teaspoon salt
- 250 grams cheese
- 6 well-beaten eggs

Melt butter in a pan. Add milk and cheese. Stir until cheese is melted. Gradually add eggs. Pour mixture into ungreased baking dish and cook for one hour and fifteen minutes at 180°C.

	COST PER ITEM	COST FOR RECIPE
Butter	_____	_____
Milk	_____	_____
Cheese	_____	_____
Eggs	_____	_____
	TOTAL COST	_____

REAL  
Butter

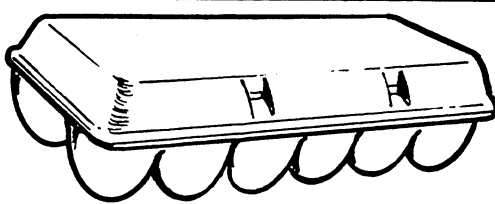


**\$1.88** 500 g



FRESH  
Milk

**\$.80** litre



Eggs

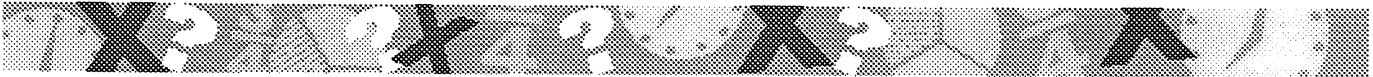
**\$2.30** dozen

SPECIAL!  
Mild Cheddar Cheese

**\$2.30** 500 g



**On Your Own:** Find two dessert or main dish recipes that use at least two dairy products. Use newspaper ads to find the cost of *everything* in the recipe.



# Food Shopping

Shopping for a Party

Name \_\_\_\_\_

Plan a birthday party for your best friend! How many people will be at the party? \_\_\_\_\_

**List the foods you want to serve:**

- |          |          |          |
|----------|----------|----------|
| 1. _____ | 4. _____ | 7. _____ |
| 2. _____ | 5. _____ | 8. _____ |
| 3. _____ | 6. _____ | 9. _____ |

**Use the list above to make up your shopping list. Be sure to write down how much of each item you will need. When your shopping list is complete, take it to the grocery store. Write down the prices of the things you have planned to buy.**

ITEM	HOW MUCH YOU WILL NEED	PRICE	TOTAL COST
Example: soft drinks	12 cans	\$.25 per can	\$3.00
1. _____			
2. _____			
3. _____			
4. _____			
5. _____			
6. _____			
7. _____			
8. _____			
9. _____			
10. _____			
11. _____			
12. _____			
13. _____			
14. _____			
15. _____			
16. _____			
17. _____			
18. _____			
TOTAL SHOPPING BILL			_____