



Survival Maths

Money

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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 *Money* are as follows:

- Money Values
- Adding Money
- Subtracting to Make Change
- Making Change
- Multiplying Money
- Dividing Money
- Multiplying and Dividing Money
- Rounding Off to the Closest Dollar
- Estimating
- Budgeting
- Writing a Cheque
- Balancing a Chequebook
- Figuring Discounts
- Sales Tax
- Savings Accounts
- Shopping Trips

The Answer Section is at the back of the book.

Money

Figuring Discounts

Name _____

Shoes
25% off

Blouses
10% off

Jeans
30% off

Items are sometimes sold at a *discount*. These discounts are often give in *percentages*.

Percentages can be expressed with a decimal point and 2 numerals.

$$10\% = .10 \quad 5\% = .05 \quad 40\% = .40$$

To figure out a discount, follow these steps:

A watch that regularly sells for \$75.00 is on sale for 25% off. How much does it cost now?

1. **Multiply** the full price by the percentage. 2. **Subtract** the discount from the full price.

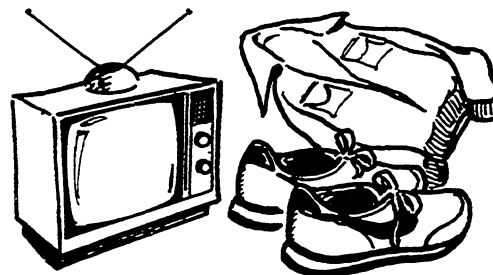
$$\begin{array}{r} \$75.00 \text{ full price} \\ \times .25 \text{ percentage} \\ \hline 37500 \\ 15000 \\ \hline 18.7500 \end{array}$$

$$\begin{array}{r} \$75.00 \text{ full price} \\ - 18.75 \text{ discount} \\ \hline \$56.25 \text{ sale price} \end{array}$$

18.7500 = \$18.75 is the discount

Solve each problem below. Find the cost after the discount.

- Tennis shoes, regularly \$21. 25% discount.
Sale price after discount _____
- Jacket, regularly \$49.95. 20% discount.
Sale price after discount _____
- Television set, regularly \$698.00. 30% discount.
Sale price after discount _____



- Everything, 25% discount. Figure the sale price of each item. Then find the total cost after discount.

Regular price: Shirt—\$18.95

Skis—\$160.95

Ski Poles—\$45.00

Gloves—\$25.50

Ski Boots—\$225.89

TOTAL COST AFTER DISCOUNTS _____



- Figure the sale price of each item.

Money Maths Game: \$12.50 (15% off) _____

Joke Book: \$9.95 (20% off) _____

Calendar: \$5.00 (50% off) _____

TOTAL COST AFTER DISCOUNTS _____



On Your Own: Using newspaper ads, make a list of five things you would like to buy and how much each item costs. Then work out how much each item would cost at a 10% discount and at a 25% discount.



Money

Shopping Trips

Name _____

Follow the arrows and directions at each stop:

Leave home with \$70.00.



Department Store
Buy:
Jumper — \$14.95
Slacks — \$25.95
Amount, spent, including 10% GST = _____



Record Store
Buy:
Record — \$6.95 + GST
Amount, spent, including 10% GST = _____



Shoe Store
Return shoes.
You receive \$21.50, which includes 10% GST



Stop for Lunch
\$3.25

Return home
Money left: _____



Plant Store
Buy 1 plant at 2 for \$7.50.



Stop at library and return
2 overdue books; 5 days overdue
at 7c per day per book
Paid Library _____



Discount Shoe Store
Buy:
Shoes — \$21.95, 20% discount
Amount spent, after discount _____

