

Spending on Sport

You need: a calculator, a classmate

ACTIVITY

- Philip has won a \$300 sports shop voucher. He spends his prize during a sale at the sports shop. (Some changes due to new currency, November 2007)
Below are the sale items that he is interested in.
Work out the sale prices for all the items below. (Round up each sale price to the nearest 10 cents.)

a. 20% off all rackets

b. \$129.95

c. \$99.85

d. \$64.50 25% off

e. \$105.95 45% off

f. \$128.00 35% off

g. 20% off

h. $\frac{1}{2}$ price \$125.95

i. \$139.95 40% off

j. $\frac{1}{4}$ off \$11.95

k. 15% off \$49.95

l. $\frac{1}{3}$ off \$119.50

- Philip has \$20 cash as well as his voucher. Select what he could buy if he spends between \$260 and \$325.
List each item, its sale price, and the total spent.
 - If Philip buys what you have selected, how much does he save on normal price?
List each item, its discount, and the total amount saved.
 - What percentage (to one decimal place) does Philip save overall?
- Discuss with a classmate how you could use a calculator efficiently to do the calculations above.