Converting units

It is useful to be able to change dollars into cents and cents into dollars.

$1 = 100¢   1 dollar = 100 cents

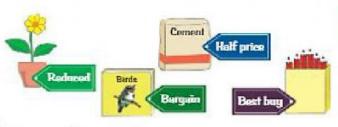| Examples	$1.50 = 150¢	235¢ = $2.35
	$12.45 = 1245¢	3120¢ = $31.20
	$0.82 = 82¢	39¢ = $0.39

Remember: do not use both the $ and ¢ symbols when writing an amount of money.

1 Convert these to cents.

a) $1.65 = _____ ¢   **b)** $2.20 = _____ ¢   **c)** $1.54 = _____ ¢

d) $0.80 = _____ ¢   **e)** $3.01 = _____ ¢   **f)** $9.11 = _____ ¢

g) $12.69 = _____ ¢   **h)** $0.72 = _____ ¢   **i)** $15.86 = _____ ¢

j) $19.03 = _____ ¢   **k)** $10.45 = _____ ¢   **l)** $18.60 = _____ ¢

2 Convert these to dollars.

a) 185¢ = $_____   **b)** 209¢ = $_____   **c)** 452¢ = $_____

d) 222¢ = $_____   **e)** 310¢ = $_____   **f)** 54¢ = $_____

g) 918¢ = $_____   **h)** 9¢ = $_____   **i)** 1045¢ = $_____

j) 1764¢ = $_____   **k)** 1325¢ = $_____   **l)** 1002¢ = $_____

Adding money

When you add money, you may be able to work the answer out mentally or you may need to use a written method.

$23.40 $14.80

The total price of the two caps is $38.20

Mental method:
Add the dollars and then the cents

$23.40 + $14.80 → $37.00 + $1.20 = $38.20

Written method:
Change to cents

$$
\begin{array}{r}
2340 \\
+ 1480 \\
\hline
3820¢ = \$38.20
\end{array}
$$

1 Write the total cost of each pair.

a) $7.30 $6.30   b) $5.90 $10.50

c) $14.00 $28.70   d) $31.80 $46.60

e) $29.90 $15.10   f) $56.50 $37.80

2 Add together these prices and write the total amounts.

a)   97¢ $14.22   b) $8.50   65¢

c)   87¢ $3.76   d) $11.95   49¢