

**Workcard****Strand: Number****Substrand: Calculate****Multiplication by multiples of 10**

$4 \times 70$  is 4 lots of 7 tens so its 28 tens = 280

- 1) Complete the following without the aid of a calculator, then create five of your own showing working. Explain in your own words what you are doing.
- a)  $50 \times 6$
  - b)  $3 \times 70$
  - c)  $60 \times 9$

- 2) **Estimating sums:**  $456 + 389$  Is approximately  $500 + 400$  or  $900$   
and  $232 + 868$  is approximately  $200 + 900$  or  $1100$ .

What is the approximate amount for each of the following:-

$$384 + 274$$

$$457 + 388$$

$$123 + 898$$

Write three more of your own giving the approximate amounts for each.

- 3) **Multiplication and division** problems.

- a) Frank wishes to buy five packets of Frodos costing \$3.65 dollars each. How much will this cost him?
  - i) Now write and solve three more of your own multiplication problems involving money.
- b) Bill Whitby wanted to share \$36.60 evenly between his four children. How much will each child get?
  - i) Now write and solve three more of your own money problems involving division.

- 4) **Unit fractions:**

Mentally find the following fractions of \$100

- a)  $\frac{1}{2}$    b)  $\frac{1}{4}$    c)  $\frac{1}{5}$    d)  $\frac{1}{3}$    e)  $\frac{1}{10}$    f)  $\frac{1}{20}$    Describe how you found these.