

## DIVISION PROBLEMS

Look carefully:

$$\begin{array}{rcll}
 468 & = & 400 & + & 60 & + & 8 \\
 \text{Half each value} & & 200 & + & 30 & + & 4 \\
 \\ 
 \text{So half of 468} & = & \mathbf{234} & & & & 
 \end{array}$$

1. By **decomposing** each number like the example above, find **half** of the following numbers

- (a) 682                      (b) 278                      (c) 384                      (d) 754

2. Work out the following (there are no remainders) :

- (a)  $4 \overline{)84}$                       (b)  $3 \overline{)96}$                       (c)  $7 \overline{)84}$                       (d)  $8 \overline{)120}$

3. Work out the following and show the remainder clearly:

- (a)  $4 \overline{)47}$                       (b)  $6 \overline{)86}$                       (c)  $9 \overline{)84}$                       (d)  $5 \overline{)884}$

4. Work out the following (there are no remainders) :

- (a)  $2 \overline{)6.4}$     (b)  $4 \overline{)5.6}$
- (c)  $6 \overline{)8.04}$     (d)  $3 \overline{)7.218}$