

# Numbers and Operations

level 3(c)

name.....

1)a)  $366 + 2\ 473$   
 $+ 245$   
(show working)

b)  $\underline{769\ 483 - 379\ 728}$

c)  $\begin{array}{r} 553 \\ \times 23 \\ \hline \end{array}$

d)  $\begin{array}{r} 4\ 837 \\ \times 417 \\ \hline \end{array}$

e)

$$\overline{3\ } 2\ 586$$

f)

$$\overline{32\ } 37\ 986$$

2)a)  $[(14 + 6) \times 3] \div 5$

b)  $83 - [(7 \times 5) + (3 \times 6)]$

c)  $130 - 12 \times (7 + 2)$

3)a) Convert  $10110_2$  to base 10.

b) Convert  $340_5$  to base 10.

c) Convert  $221_{\text{dec}}$  to base 6.

d) Convert  $130_{\text{dec}}$  to binary (base 2).