

# Numbers and Operations

level 3(e)

name.....

1)a)  $256 + 4\,446$   
 $+ 745$   
(show working)

b) 
$$\begin{array}{r} 398\,483 \\ - 359\,229 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 379 \\ \times 67 \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 2\,783 \\ \times 177 \\ \hline \end{array}$$

e) 
$$6 \overline{) 4\,865}$$

f) 
$$41 \overline{) 50\,986}$$

2)a)  $[(16 + 5) \times 4] \div 3$

b)  $96 - [(6 \times 5) + (3 \times 6)]$

c)  $240 - 11 \times (7 + 2)$

3)a) Convert  $11100_2$   
to base 10.

b) Convert  $224_5$  to  
base 10.

c) Convert  $411_{\text{dec}}$  to  
base 6.

d) Convert  $198_{\text{dec}}$  to  
binary (base 2).