

Numbers and Operations

level 3(a)

name.....

1)a) $476 + 1\ 573$
 $+ 2948$
(show working)

b) $\underline{789\ 643 - 299\ 718}$

c) $\begin{array}{r} 423 \\ \times 38 \\ \hline \end{array}$

d) $\begin{array}{r} 5\ 437 \\ \times 177 \\ \hline \end{array}$

e)

$$\overline{6\ } 3\ 786$$

f)

$$\overline{32\ } 23\ 786$$

2)a) $[(8 + 4) \times 3] \div 9$

b) $83 - [(8 \times 6) + (4 \times 6)]$

c) $100 - 20 \times (3 + 1)$

3)a) Convert 11101_2 to base 10.

b) Convert 231_5 to base 10.

c) Convert 147_{dec} to base 6.

d) Convert 131_{dec} to binary (base 2).