

Numbers and Operations

level 3(b)

name.....

1)a) $496 + 1\,473$
 $+ 268$
(show working)

b)
$$\begin{array}{r} 789\,483 \\ - 599\,718 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 423 \\ \times 35 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 6\,837 \\ \times 277 \\ \hline \end{array}$$

e)
$$\begin{array}{r} 6 \overline{) 3\,586} \end{array}$$

f)
$$\begin{array}{r} 27 \overline{) 47\,786} \end{array}$$

2)a) $[(15 + 6) \times 3] \div 9$

b) $93 - [(8 \times 5) + (4 \times 6)]$

c) $130 - 15 \times (3 + 2)$

3)a) Convert 10100_2
to base 10.

b) Convert 243_5 to
base 10.

c) Convert 127_{dec} to
base 6.

d) Convert 147_{dec} to
binary (base 2).