

Numbers and Operations

level 3(d)

name.....

1)a) $296 + 2\,446$
 $+ 345$
(show working)

b)
$$\begin{array}{r} 768\,483 \\ - 359\,769 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 479 \\ \times 27 \\ \hline \end{array}$$

d)
$$\begin{array}{r} 4\,783 \\ \times 127 \\ \hline \end{array}$$

e)
$$8 \overline{) 2\,866}$$

f)
$$28 \overline{) 47\,986}$$

2)a) $[(13 + 5) \times 3] \div 9$

b) $95 - [(3 \times 5) + (5 \times 6)]$

c) $170 - 11 \times (9 + 2)$

3)a) Convert 10010_2
to base 10.

b) Convert 130_5 to
base 10.

c) Convert 381_{dec} to
base 6.

d) Convert 258_{dec} to
binary (base 2).