1) a. Decimal a Hex

611 | 16
131 | 38 | 16
3 | 6 | 2

$= 263_{16}$

b.

48 | 16
0 | 3

$= 30_{16}$

c.

5000 | 16
20 | 312 | 16
40 | 152 | 19 | 16
(8) | (8) | (3) | (1)

$= 1388_{16}$.

d.

8199 | 16
139 | 387 | 16
119 | 67 | 24 | 16
(7) | (3) | (8) | (1)

$= 1837_{16}$

2) a. Octal a decimal

b. No se puede.

$500_8 = 320_{10}$
(2 1 0)

$8^0 = 1$ $\quad 5 \times 64 = 320$
$8^1 = 8$ $\quad 0 \times 8 = 0$
$8^2 = 64$ $\quad 0 \times 1 = 0$
$8^3 = 512$

c. $5445_8 = 2853_{10}$
(3 2 1 0)

$5 \times 512 = 2560$
$4 \times 64 = 256$
$4 \times 8 = 32$
$5 \times 1 = 5$

d. $277_8 = 191_{10}$
(2 1 0)

$2 \times 64 = 128$
$7 \times 8 = 56$
$7 \times 1 = 7$

3) a. 72202,53 + 0,0099947

72202,53
0,0099947
72202,539947

Rta: 0,7520254 $\times 10^5$

b. 533,075 - 38611,007

533,075
38611,007
-38077,932

Rta: $-0,3807793 \times 10^5$

c. 0,3865⁴
0,0001 2047
4,675474438 $\times 10^{-5}$

Rta: $0,4675974 \times 10^{-6}$

d. 37,86093 / 0,000103862

37,86093
0,000103862
364531,1086

Rta: $0,3645311 \times 10^{-6}$