1.

a) 4 76

$$\frac{476}{16} = 29, \text{ residuo } 10$$

$$\frac{29}{16} \quad 1, \text{ residuo } 13$$

$$1 - 13 - 10$$

$$1 - D - A$$

b) 47

$$\frac{47}{16} = 2, \text{ Residuo } 15$$

$$2 - 15$$

$$2 - F$$

c) 10 000

$$\frac{10000}{16} \quad 625, \text{ residuo } 0$$

$$\frac{625}{16} \quad 39, \text{ residuo } 1$$

$$2 - 7 - 1 - 0$$

$$\frac{39}{16} \quad 2, \text{ residuo } 7$$

$$= 2\ 710$$

d) 4099

$$\frac{4099}{16} = 256, \text{ residuo } 3$$

$$\frac{256}{16} = 16, \text{ residuo } 0$$

$$\frac{16}{16} = 1, \text{ residuo } 0$$

1003

2

a) 1000

$$1 \times 8^3 + 0 \times 8^2 + 0 \times 8^1 + 0 \times 8^0 = 512$$

b) 686

$$6 \times 8^2 + 8 \times 8^1 + 6 \times 8^0 = 454$$

c) 4321

$$4 \times 8^3 + 3 \times 8^2 + 2 \times 8^1 + 1 \times 8^0 = 2257$$

d) 406

$$4 \times 8^2 + 0 \times 8^1 + 6 \times 8^0 = 262$$

$65.002,22 + 0,009998$

$0,6500222 \times 10^{-5}$
$+ 0,000000009998 \times 10^{-3}$

a)

$$0,6500222\,0000 \quad \times 10^{-5}$$
$$0,000000009998 \quad \times 10^{-5}$$
_____

$$0,6500222|9998$$

$Rta \approx 0,6500223 \quad \times 10^{-5}$

b) −

$$0,0031044 \quad \times 10^{-5}$$
$$0,19450006 \quad \times 10^{-5}$$
_____

$$-0,19139962$$

$Rta = -0,1913996 \quad \times 10^{-5}$

c)

$$0,44945 \quad \times 10^{0}$$
$$0,96670 \quad \times 10^{3}$$
_____

$$0,4344833|15 \quad \times 10^{3}$$

$Rta = 0,4344833 \times 10^{3}$

d)

$$0{,}325500022 \times 10^{-2}$$

$$0{,}895999000 \times 10^{3}$$

$$0{,}36328168$$

$$0{,}3632817 \times 10^{-5}$$