4-

V= 0,250 L

n= 0,500 mL

M= 2 M

$$N = \frac{49,04\ g}{98\ g/mol} = 0,500\ ml$$

$$M = \frac{0,500\ M}{0,250\ L} = 2\ M$$

$$V = \frac{250}{1000} = 0,250\ L$$

Taller / Solución

1- C_2H_6O

$M = 82.59$

$V = 0.45\ L$

$P_M = 46$

$$M = \frac{82.5}{(46)(0.45)} = \frac{82.5}{20.7} = 3.98\ M$$

2-

$V = 1000 = 7\ L$

$n = 4.78$ mol

$M = 0,682\ M$

3-

$n = 0,10\ g/M$

$M = 0,05\ M$

$$n = \frac{3,65}{36,5} = 0,10\ M$$

$$M = \frac{0,10}{2} = 0,05\ M$$