a) Reproducir tabla

$e^x - 1 + r + \frac{x^2}{2} + \frac{x^3}{2} + \cdots$					
x	E(X)	e^x			
1	2.718282	2.718282			
5	148.4132	148.4132			
10	22026.47	22026.46			
15	3269017.	3269017.			
20	4.8516531×10^{8}	4.8516520×10^{8}			
-1	.3678794	.3678795			
-5	6.7377836×10^{-3}	6.7379470×10^{-3}			
-10	$-1.6408609 \times 10^{-4}$	4.5399930×10^{-5}			
-15	$-2.2377001 \times 10^{-2}$ 3.0590232×10^{-7}				
-20	1.202966	2.0611537×10^{-9}			
$ -15 $ $-2.237/001 \times 10^{-2}$ $ 3.0590232 \times 10^{-7}$					
-	-20 1.202	2966 2.0611537 $\times 10^{-9}$			
1	1				

b) Resolver

0.780x + 0.563y = 0.2170.457x + 0.330y = 0.127

$$f'(x) \simeq \frac{f(x+h) - f(x)}{h} \equiv \Delta_h f(x)$$

c) Reproducir tabla

h	$\Delta_h f(1)$	e	error
100	4.67077446	2.71828183	1.95×10^{0}
10-1	2.85884380	2.71828183	1.41×10^{-1}
10^{-2}	2.73191929	2.71828183	1.36×10^{-2}
10^{-3}	2.71987939	2.71828183	1.60×10^{-3}
10-4	2.72035623	2.71828183	2.07×10^{-3}
10^{-5}	2.71797204	2.71828183	3.10×10^{-4}
10-6	2.62260461	2.71828183	9.57×10^{-2}
10-7	4.76837206	2.71828183	2.05×10^{0}
10-8	0.00000000	2.71828183	2.72×10^{0}

d) Resolver

Solve the quadratic equation a=1, b=3000.001, c=3.