1/6

n	h	μ_n	$\gamma(1) - \mu_n$	$(\gamma(1) - \mu_n)/(h)$
1	0.1	1.160	≈ 4.277	42.77
2	0.1	1.346	≈ 4.091	40.91
1	0.05			
2	0.05			
1	0.001			
2	0.001			

$\gamma_0 = 1, \quad \mu_0 = \gamma_0 = 1$

$h = 0.1$

$\mu_{n+1} = \mu_n\left(1 + h + \frac{h}{2} + h^2\right)$

$\mu_0 = 1$

$\mu_1 = \mu_0\left(1 + 0.1 + \frac{0.1}{2} + 0.1^2\right)$

$= 1.160$ ✓

$\mu_2 = \mu_1(1 + 0.1 + \cdots)$

$= 1.346$

$\gamma(1) = 2e \approx 5.437\ldots$

$\gamma(1) - \mu_1 = 2e - 1.160 \approx 4.277 = \alpha$

$\gamma(1) - \mu_2 = 2e - 1.346 \approx 4.091 = \beta$

$\frac{\alpha}{h} = \frac{4.277}{0.1} = 42.77$

$\frac{\beta}{h} = \frac{4.091}{0.1} = 40.91$