Multipliers

Finding Multipliers

Suppose £1000 is invested for 3 years and
returns £1170.91
Find the A.P.R. (annual parcentage rate)
$$1000 \times M^3 = 1170.91$$

 $M^3 = \frac{1170.91}{1000}$

 $M = \frac{3}{1000} = 1.054001361$ M = 1.054Interest Rate 5.4% per comm

123,000 positive PCR tests are recorded on
20 Dec. 214,000 are recorded on 25 Dec
What is the daily growth rate as a percentage
123,000 x M⁵ = 214,000
M⁵ =
$$\frac{2(4,000)}{123,000}$$

M = $\frac{\sqrt{2(4,000)}}{123,000}$ = 1.117
Daily growth rate = 11.7%
Find doubling time
true and improvement
1,117⁶ = 1.94

Doubling time between 6 end 7 days

1. (17 = 2.17

Classwork Q1, 3, 4