

An investment of AED 8,000 is to be withdrawn when at least AED 2,000 in interest is earned.

Drag and drop your answer to correctly complete the sentence.

If the investment pays continuously compounded interest at 2.2%, it will take approximately

years before the investment is to be withdrawn.

0.10

20

10

63

SOLUTION:

Add 2,000 in interest to original investment 8,000 to get the desired amount of

$$\begin{matrix} A \leq Pe^{rt} \\ \text{[]} \leq \text{[]} e^{\text{[]} t} \end{matrix}$$

Why use $\leq$?