|  |  |
| --- | --- |
| 1. |  |
| 2. |  |
|  | Answer : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. | A few years ago, Farouk and Gregory each made an investment on the same day.**Farouk’s Investment**Function *f* described below represents the value of Farouk’s investment.$$f\left(x\right)=3 000(1.05)^{x}$$where x: time elapsed, in years, since the day the investment was made f(x): value of Farouk’s investment, in dollarsToday, to the nearest ₵, Farouk’s investment is worth $3 646.52.**Gregory’s Investment**Gregory invested $3 500.Every year, the value of Gregory’s investment has increased by 4% in relation to its value the previous year.From the day the investments were made, which of the two investments has gained the most value, in dollars? |