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18/ENGG02/066
COMPUTER ENG

$$\{ T_1 = 10^\circ\text{C}$$

$$T_2 = 20^\circ\text{C}$$

$$t = 5 \text{ mins}$$

$$= 5 \times 60 = 300 \text{ secs}$$

$$\text{Actual } T = 24.9^\circ\text{C}$$

$$T_2 - T_1 = 20^\circ\text{C} - 10^\circ\text{C}$$
$$= 10^\circ\text{C}$$

$$5 \text{ mins} \Rightarrow 10^\circ\text{C}$$

$$\frac{5}{3} \text{ mins} \Rightarrow 5^\circ\text{C}$$

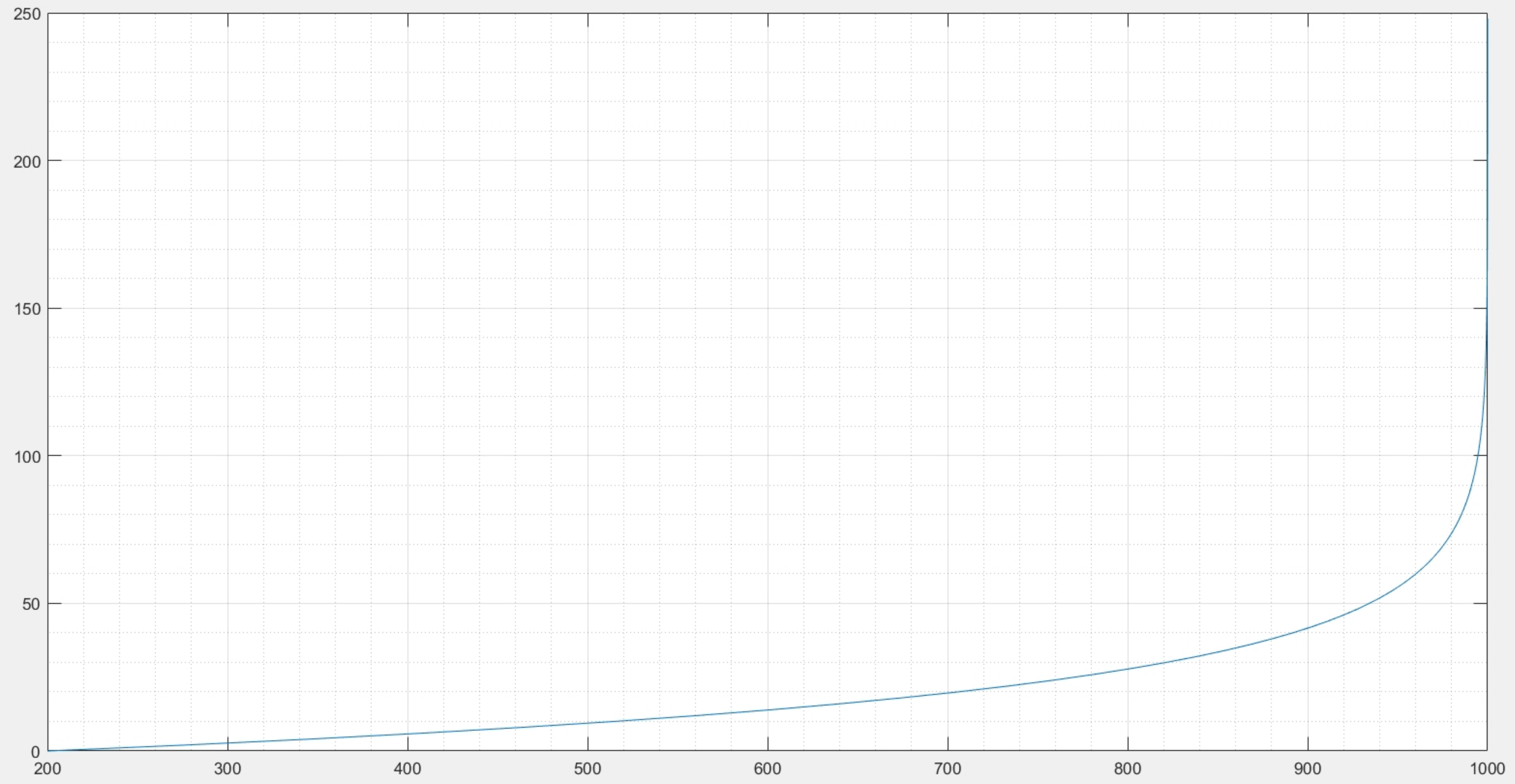
$$n = \frac{25}{10} = 2.5 \text{ mins}$$

$$25^\circ\text{C} \Rightarrow 2.5 \text{ mins}$$

$$24.9^\circ\text{C} \Rightarrow n \text{ mins}$$

$$n = \frac{2.5 \times 24.9}{25}$$

$$= 2.49 \text{ mins}$$



HOME PLOTS APPS EDITOR PUBLISH VIEW

Find Files Compare Print Go To Find Breakpoints Run Run and Advance Run and Time

FILE NAVIGATE EDIT BREAKPOINTS RUN

C:\Program Files\MATLAB\R2018a\bin

Current Folder

- arch
- m3registry
- registry
- util
- win32
- win64
- deploytool.bat
- lcdata.xml
- lcdata.xsd
- lcdata_utf8.xml
- matlab.exe
- mbuild.bat
- mcc.bat
- mex.bat
- mex.pl
- mexext.bat
- mexsetup.pm
- mexutils.pm
- mw_mpiexec.bat
- worker.bat

```

1 - commandwindow
2 - clearvars
3 - clc
4 - close all
5 - format short g
6 - mdata=xlsread ('onlinequizdata','fluiddata')
7 - x= mdata(1:2:250,2)
8 - y= mdata(1:2:250,1)
9 - plot(x,y)
10 - grid on
11 - grid minor
12
13 - Sarah Odekwo
14 - 18/ENG02/066
15 - COmputer Engineering

```

Workspace

Name	Value
mdata	251x2 double
x	125x1 double
y	125x1 double

Command Window

```

228
230
232
234
236
238
240
242
244
246
248
fx >>

```