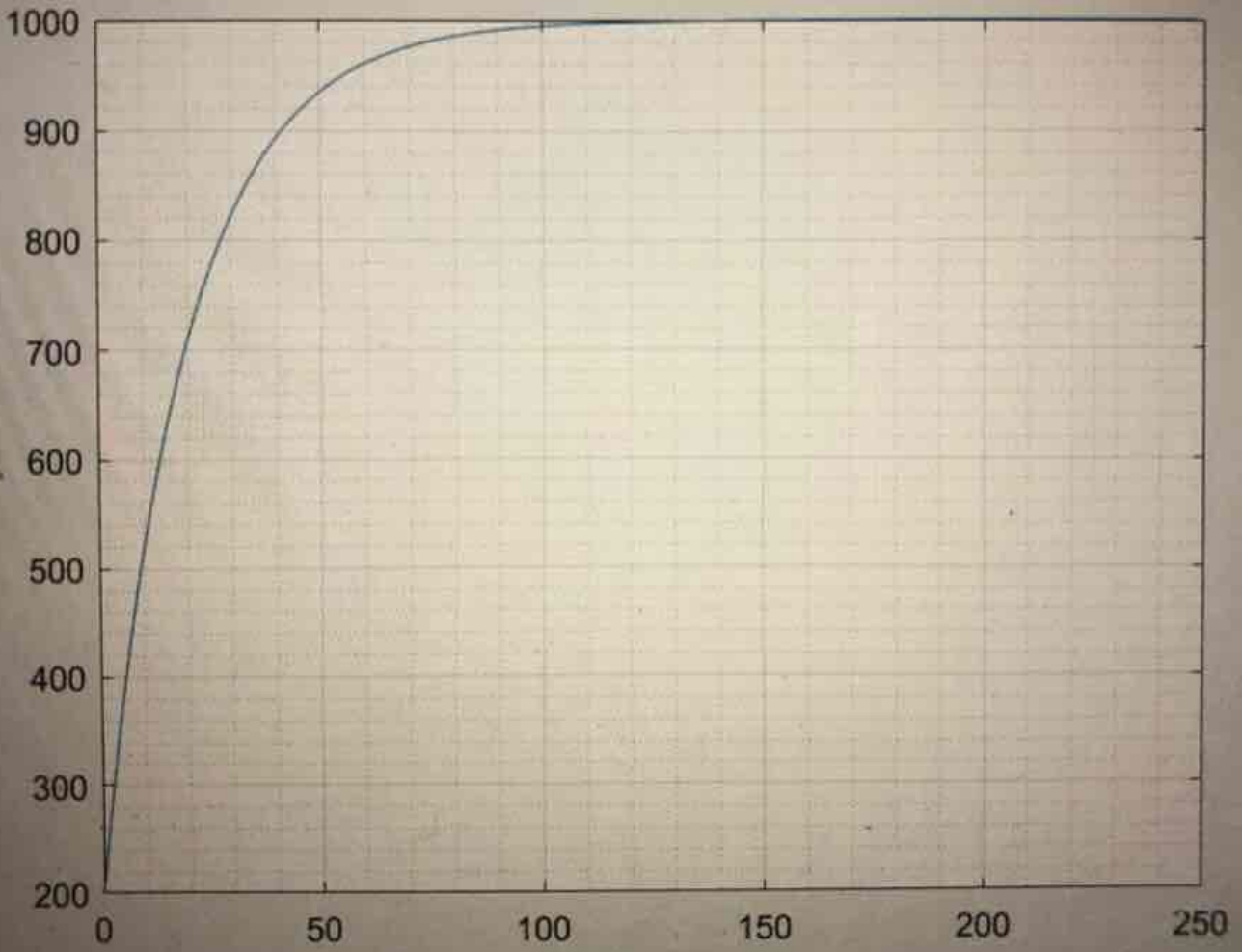


```
- commandwindow  
- clear  
- clc  
- close all  
- format short g  
- mdata=xlsread('onlinequizdata','fluiddata')  
- x=mdata(1:2:250,1)  
- y=mdata(1:2:250,2)  
- plot(x,y)  
- grid on  
- grid minor|
```

Figure 1

File Edit View Insert Tools Desktop Window Help



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18/EN18041060  
Elect / Elect

## Quiz

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

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

$$\Delta T = 20 - 10 = 10^\circ$$

$$\text{Time taken} = 5 \text{ min} \times 60 = 300 \text{ secs}$$

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

$$\Delta T_c = 24.9 - 10 = 14.9^\circ\text{C}$$

$$10^\circ\text{C} = 300 \text{ secs}$$

$$14.9^\circ\text{C} = ? \times$$

$$\frac{10 \times}{10} = \frac{300 \times 14.9}{10}$$

$$10 \quad 10$$

$$x = \underline{\underline{497 \text{ secs}}}$$