

Maurits Jansen
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Electrical.

$$T_0 = 10^\circ\text{C}$$

$$T_1 = 20^\circ\text{C}$$

H =

H from $10^\circ\text{C} \rightarrow 20^\circ\text{C}$ 5

$$5 \text{ min} \times 60 = 360 \text{ sec}$$

increase in 1°C takes 30 sec.

$$\text{in } 24.9^\circ\text{C} - 20^\circ\text{C} = 4.9^\circ\text{C}$$

$$30 \times 4.9 = \frac{147 \text{ sec}}{60}$$

$$\therefore \text{Time taken} = 24.9^\circ\text{C} = 2 \text{ minutes } 48 \text{ sec.}$$



