



Infusion rate - Practice Exercises Answers

Answer 1:

We know, $\text{Infusion Rate (ml/hr)} = \frac{\text{Volume (ml)}}{\text{Time (hr)}}$

Here, Volume = 950ml

Time= 8hr

$$\text{Infusion Rate (ml/hr)} = \frac{950\text{ml}}{8 \text{ hr}} = 118.75 \text{ ml/hr}$$

Answer 2:

We know, $\text{Infusion Rate (ml/hr)} = \frac{\text{Volume (ml)}}{\text{Time (hr)}}$

Here, Volume = 1.2 L = $1.2 \times 1000 = 1200 \text{ ml}$

$$\text{Time} = 420 \text{ minutes} = \frac{420}{60} = 7 \text{ hr}$$

$$\text{Infusion Rate (ml/hr)} = \frac{1200\text{ml}}{7 \text{ hr}} = 171.42 \text{ ml/hr}$$

Answer 3:

We know, $\text{Infusion Rate (ml/hr)} = \frac{\text{Volume (ml)}}{\text{Time (hr)}}$

Here, Volume = 1.5L= (1.5x1000) ml= 1500ml

Time= 18 hr

$$\text{Infusion Rate (ml/hr)} = \frac{1500 \text{ ml}}{18 \text{ hr}} = 83.33 \text{ ml/hr}$$



Answer 4:

We know, Infusion Rate (ml/hr) = $\frac{\text{Volume (ml)}}{\text{Time (hr)}}$

Here, Volume = 550ml

Time= 2 hr

Infusion Rate (ml/hr) = $\frac{550 \text{ ml}}{2 \text{ hr}} = 275 \text{ ml/hr}$