Calculating IV rates: mls per hour (& minute)

Step 1 of 3

Write down the ‘total volume to be given’ (written on the prescription).

Use this formula:

\[
\frac{\text{total volume to be given (in mls)}}{\text{time (in hours)}} = \text{mls per hour}
\]

Example:

\[
\frac{1200 \text{ mls}}{10 \text{ hours}} = \text{mls per hour}
\]

Step 2 of 3

Write down the time over which this is to be given.

Remember the formula:

\[
\frac{\text{total volume to be given (in mls)}}{\text{time (in hours)}} = \text{mls per hour}
\]

Example:

\[
\frac{1200 \text{ mls}}{10 \text{ hours}} = \text{mls per hour}
\]

Go to next page for notes on ‘mls per minute’.
If you want to calculate the **mls per minute**, the formula looks like this:

\[
\frac{\text{total volume to be given (in mls)}}{\text{time (in minutes)}} = \text{mls per minute}
\]

\[
\frac{1200 \text{ mls}}{10 \text{ hrs} \times 60} = \text{mls per minute}
\]

\[
\frac{1200}{600} = 2 \text{ mls per minute}
\]