## What is Capacity?

Capacity is the maximum amount that something can contain.

## Examples:

"The bucket has a capacity of 9 litres."
"The measuring cup hold $41 / 2$ cups."


## Capacity Conversions - Metric

> The Metric system uses the basic unit Litre (L) and also:
> -kilolitres (kL)
> -hectolitres (hL) -decalitres (daL)


## 5.2 - Metric units for Capacity page 128



Example: Cong ordered a case of 12 jars of pasta sauce. Each jar has a capacity of 680 mL . How many litres of sauce did he order?

Your Turn!

complete \# 2, 4, 5, 6 on page 129


## 5.1- Imperial units for Capacity page 126



Example: Evan is making punch for hospital volunteers. He needs $3 \frac{1}{2}$ quarts of cranapple juice. How many cups is this?

Your Turn!
complete \# 1, 4, 5 on page 127

## Capacity Conversions - Metric and Imperial

When converting between systems, using the following ratios:


## 5.3-Capacity in Different Systems page 130



Example: Eli is installing a hot water tank with a capacity of 153 L . What is the capacity of the tank, to the nearest gallon?

Your Turn!<br>complete \# 1 and 4 on page 131

