

Fractions of 1 litre



Know how many millilitres are equal to $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ and $\frac{1}{10}$ of 1 litre

Challenge 1

Copy and complete.

- | | | | | | |
|---|------------------------|--------------------------|---|------------------------|-------------|
| a | 1 litre = 500 ml + | ml | b | $\frac{1}{2}$ litre = | ml + 250 ml |
| c | $\frac{1}{10}$ litre = | ml | d | $\frac{1}{4}$ litre = | ml |
| e | 500 ml + | ml = $\frac{3}{4}$ litre | f | $\frac{7}{10}$ litre = | ml + 200 ml |

Challenge 2

1 Write true or false for each of these statements.

- | | | | |
|---|--|---|------------------------------|
| a | 500 ml = $\frac{1}{2}$ litre | b | $\frac{1}{4}$ litre < 200 ml |
| c | 700 ml < $\frac{3}{4}$ litre | d | 100 ml = 1 litre |
| e | $\frac{1}{4}$ litre + $\frac{1}{2}$ litre < 800 ml | f | 400 ml > $\frac{1}{2}$ litre |



2 Write these capacities in millilitres.

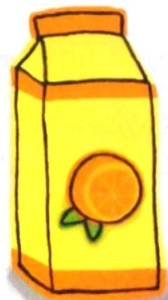
- | | | | | | |
|---|-----------|---|-----------------|---|-----------------|
| a | 2l 500 ml | b | 4l 250 ml | c | $4\frac{1}{4}l$ |
| d | 8l 600 ml | e | $7\frac{1}{2}l$ | f | $9\frac{3}{4}l$ |
| g | 3l 900 ml | h | 3l 400 ml | i | $5\frac{3}{4}l$ |

Example
 $5l\ 300\text{ ml} = 5000\text{ ml} + 300\text{ ml}$
 $= 5300\text{ ml}$

Challenge 3

1 Copy and complete.

- a The carton holds _____ ml of orange juice.
- b It will fill _____ glasses.
- c It will fill _____ mugs.



1 litre



250 ml



200 ml



2 litres

- 2 a The bottle of lemonade holds _____ ml.
- b It will fill _____ glasses.
- c It will fill _____ mugs.