Equivalent capacities and volumes (litres and millilitres)

1 Tick all the sets of beakers that have a total capacity equivalent to 1 litre.

| 200 ml | 200 ml | 200 ml | 200 ml | 200 ml |

| 250 ml | 250 ml | 250 ml |

| 500 ml | 500 ml |

| 1,000 ml |
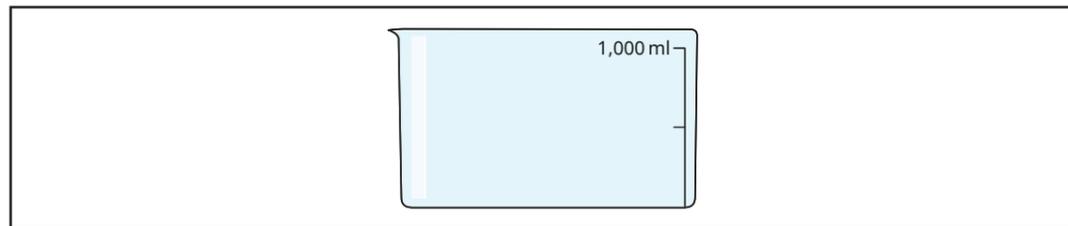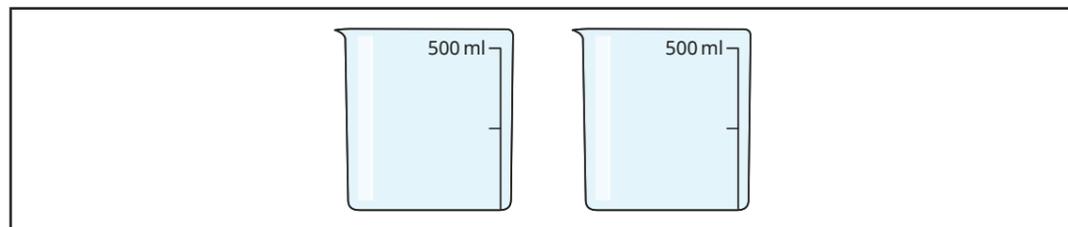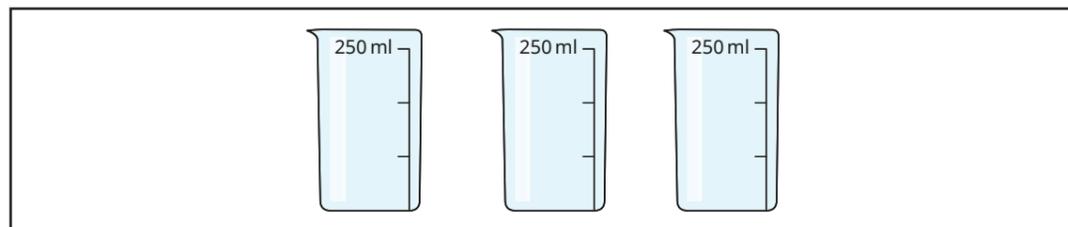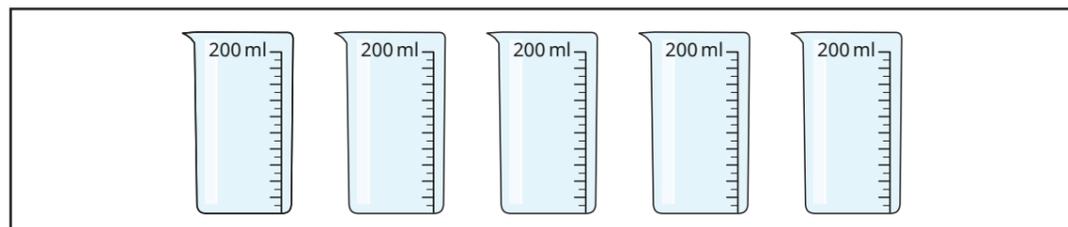
Explain your answer.

2 Complete the sentences.

There are ☐ millilitres in 1 litre.

1 litre is equivalent to ☐ millilitres.

3 What is the volume of water in each jug?

a)

1 litre

☐ ml

b)
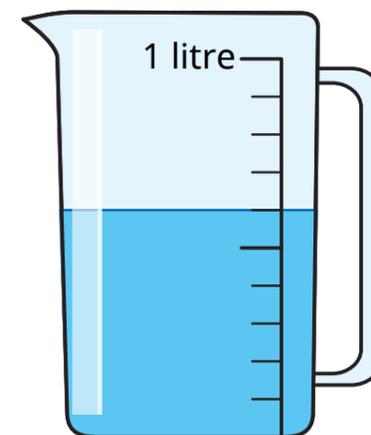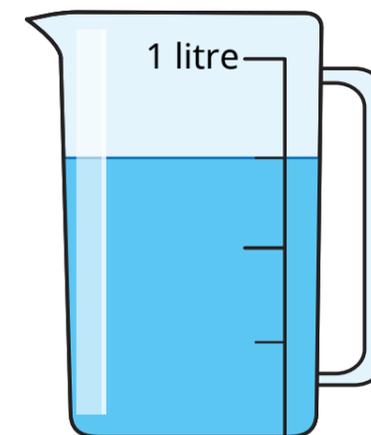
1 litre

☐ ml

How did you work this out?

4 Annie needs 1 litre of juice.

Here is the juice she has so far.
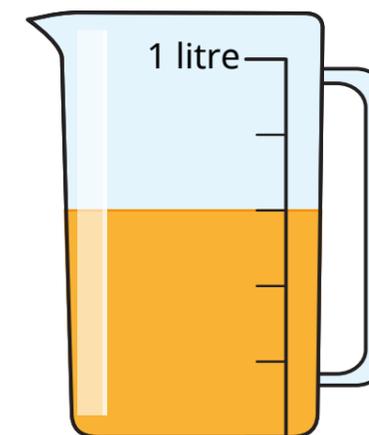
1 litre

How much more juice does Annie need?

☐ ml

**5** Complete the number sentences.

a) 200 ml + [   ] ml = 1 l   e) 150 ml + [   ] ml = 1 l

b) 900 ml + [   ] ml = 1 l   f) [   ] ml + 750 ml = 1 l

c) [   ] ml + 300 ml = 1 l   g) 1 l = 960 ml + [   ] ml

d) 1 l = [   ] ml + 500 ml   h) 170 ml + [   ] ml = 1 l

6 Use the bar models to find the fractions of a litre.

a)

1 litre

$\frac{1}{2}$ litre = [   ] ml

b)

1 litre

$\frac{1}{4}$ litre = [   ] ml

c)

1 litre

$\frac{1}{5}$ litre = [   ] ml

d)

1 litre

$\frac{1}{10}$ litre = [   ] ml
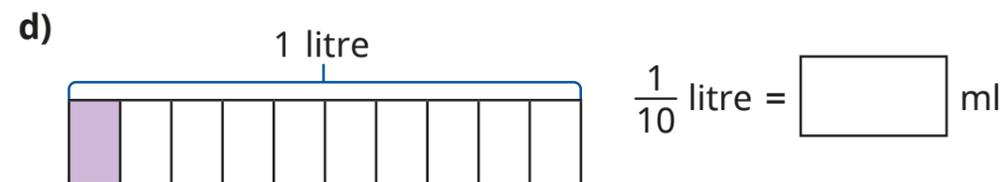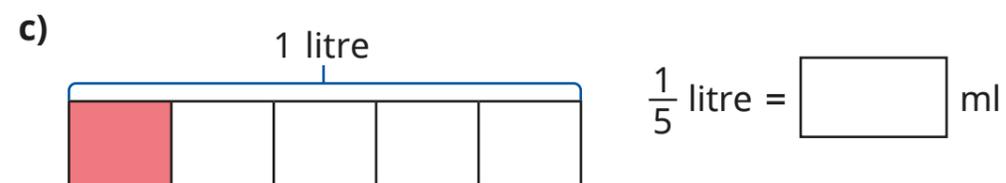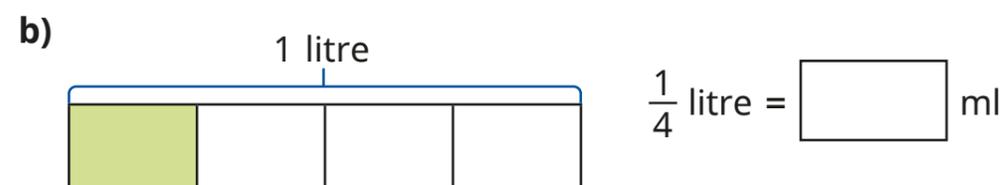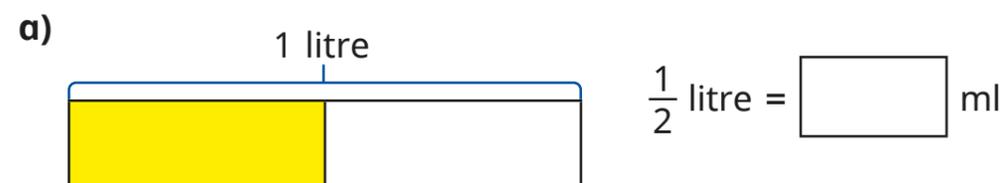
7 Max has these two measuring cups.

A   B
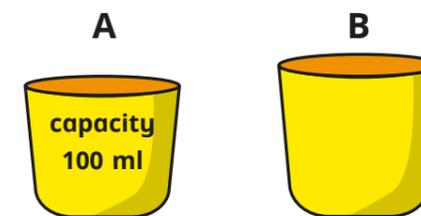
capacity
100 ml

He uses the measuring cups to pour water into a jug.

1 litre

I filled cup A five times and cup B four times.
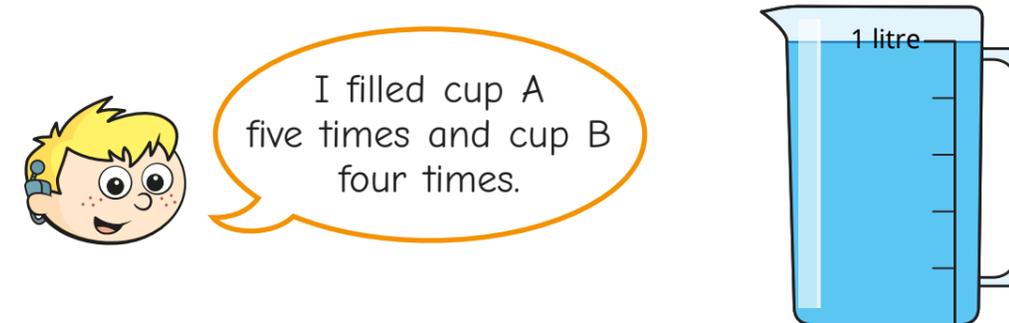
What is the capacity of cup B?

[   ] ml

8 Whitney has 1 litre of juice.

She shares it between these three jugs.

400 ml   400 ml   400 ml
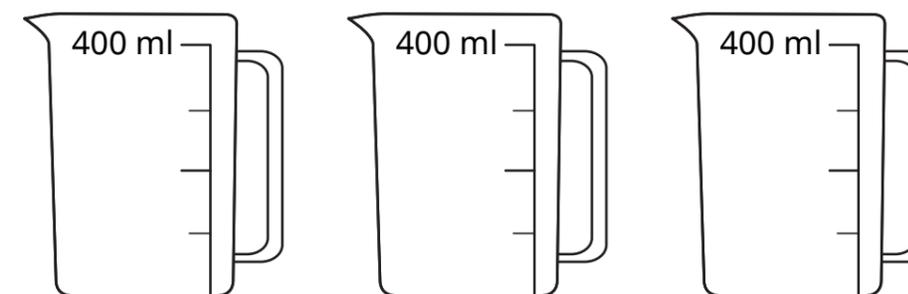
Draw on the jugs to show how Whitney could have shared the juice.

Is there more than one answer?