Calculations with Capacity

You've measured and compared capacity, now for some calculations. Remember to pay attention to the units.

Examples

Work out 320 ml + 200 ml

320 + 200 = 520

So 320 ml + 200 ml = **520 ml**

Fred has 1 litre 800 ml of lemonade in a bottle.
He pours out 700 ml. How much is left in the bottle?

800 – 700 = 100

So there is **1 litre 100 ml** of lemonade left.

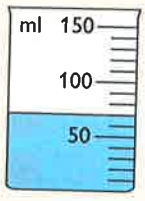


Set A

Work out:

1. 41 ml + 50 ml
2. 340 litres – 20 litres
3. 400 ml + 400 ml
4. 680 litres – 200 litres
5. 400 ml – 80 ml
6. 1 litre + 750 ml
7. 3 litres – 400 ml

Look at this beaker of water.



8. How much more water is needed to fill it to 150 ml?
9. How much will be left if 39 ml is poured out?

A bottle of perfume can hold 80 ml. What is the capacity of:

10. two bottles?
11. five bottles?

A bath can hold 300 litres.
A hot tub can hold 650 litres.

12. How much more can the hot tub hold than the bath?
13. What is the total capacity?

Set B

Work out:

1. 210 ml + 300 ml
2. 250 litres – 38 litres
3. 2 litres + 500 ml
4. 5 litres – 100 ml
5. 2 litres 200 ml + 600 ml
6. 4 litres 420 ml – 200 ml
7. 9 litres 500 ml – 6 litres

The capacities are written on the sides of these buckets.



8. How much more can the red bucket hold than the orange bucket?
9. What is the total capacity of the red and blue buckets?
10. What capacity is three times as much as 45 ml?
11. A bottle of orange juice holds 1 litre 500 ml. Ellen drinks 300 ml. How much juice is left in the bottle?
12. Hans has 2 litres 400 ml of red paint and 500 ml of blue paint. How much paint does he have in total?

Set C

Work out:

1. 490 ml + 180 ml
2. 675 litres + 50 litres
3. 5 litres – 600 ml
4. 1 litre 300 ml + 2 litres 600 ml
5. 4 litres 600 ml – 900 ml
6. 7 litres 500 ml – 600 ml
7. 4 litres 200 ml – 1 litre 300 ml

8. A small yoghurt pot has a capacity of 65 ml. What is the total capacity of four small yoghurt pots?

Sumi has this bottle of strawberry milk.



9. How much more does she need to have 2 litres of strawberry milk?

Here is a recipe for fruit punch.

300 ml soda water
1 litre 100 ml apple juice
1 litre 400 ml lemonade

10. How much more lemonade is needed than soda water?
11. How much less soda water is needed than apple juice?
12. How much fruit punch will the recipe make?

I can do calculations with capacity.

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