

Measurement problems



Write the answer in the box.

How many grams are equal to 1 kilogram?

1 000 g

How many milliliters are the same as 1 liter?

1 000 ml

Write the answer in the box. Use the information above.

How many grams are equal to half a kilogram?

How many grams are the same as 3 kg?

How many milliliters are the same as 2 liters?

How many 200 ml glasses are equal to one liter?



Is 800 ml more or less than half a liter?



How many milliliters are the same as 0.5 liters?

How many 100 g weights are equal to 1 kilogram?

How many grams are the same as 3 kg?

Is 300 ml more or less than half a liter?

How many 250 ml jars are equal to one liter?

Which unit of measurement would you use for each of these? Choose from meter, gram, milliliter, liter, kilometer and kilogram.

To measure the mass of a dog.



To measure the capacity of a bucket.



To measure the capacity of a spoon.



To measure the mass of a caterpillar.



To measure the distance from France to England.



To measure the length of a short fence.



Measurement problems



Write the answer in the box.

How many grams are equal to 1 kilogram?

1000 g

How many milliliters are the same as 1 liter?

1000 ml

Write the answer in the box. Use the information above.

How many grams are equal to half a kilogram?

500 g

How many grams are the same as 3 kg?

3000 g

How many milliliters are the same as 2 liters?

2000 ml

How many 200 ml glasses are equal to one liter?

5

Is 800 ml more or less than half a liter?



more

How many milliliters are the same as 0.5 liters?

500 ml

How many 100 g weights are equal to 1 kilogram?

10

How many grams are the same as 3 kg?

3000 g

Is 300 ml more or less than half a liter?

less

How many 250 ml jars are equal to one liter?

4

Which unit of measurement would you use for each of these? Choose from meter, gram, milliliter, liter, kilometer and kilogram.

To measure the mass of a dog.

kilogram



To measure the capacity of a bucket.

liter



To measure the capacity of a spoon.

milliliter



To measure the mass of a caterpillar.

gram



To measure the distance from France to England.

kilometer



To measure the length of a short fence.

meter



For most of these problems, children will have to count, rather than using multiplication or division. You may want to provide counters that children can use to represent the amounts.