

Monday

In Focus

Watch "Video 1"



How can we find out which is the heaviest and which is the lightest?

How could we be certain of which of these are the heaviest.

We measure mass in g and kg.

What do these abbreviations mean?

g = gram

kg = kilogram

Which of the two units of measurements weighs the most?

1g or 1kg

1kg = 1000g

In Focus



How can we find out which is the heaviest and which is the lightest?

Using a weighing scale would help us determine which is the heaviest.



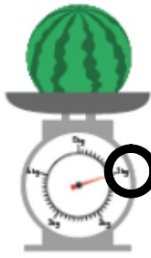
Let's Learn

We use weighing scales.



The bag of crisps weighs about 200 g.

200g



The watermelon weighs about 1 kg.

1kg



The bag of sugar weighs about 3 kg.

3kg

We say the **mass** of the bag of sugar is about 3 kg.





The bag of crisps weighs about 200 g.



The watermelon weighs about 1 kg.



The bag of sugar weighs about 3 kg.

First we need to make them all the same unit of measure.

Lets change them so that they are all measured in grams!

Which is the heaviest and which is the lightest?

Remember there are 1000g in 1kg



The watermelon weighs about 1 kg.

$$1 \times 1000 =$$

So how many grams does the watermelon weigh?

$$1 \text{ kg} = \boxed{} \text{ g}$$

Remember there are 1000g in 1kg



The bag of sugar weighs about 3 kg.

$$3 \times 1000 =$$

So how many grams does the bag of sugar weigh?

$$3 \text{ kg} = \boxed{} \text{ g}$$

Now we know that...



The bag of crisps weighs about 200 g.



The watermelon weighs about 1 kg. = **1000g**



The bag of sugar weighs about 3 kg. = **3000g**

Which is the heaviest and which is the lightest?

Guided Practice

Watch "Video 2"

(a)



The apple weighs about **100** g.

(b)



The packet of flour weighs about **400** g.

(c)



The box weighs about **2** kg.

(d)



The bag of sugar weighs about **2** kg.

Which item is the heaviest?

Which item is the lightest?

Convert all the measurements into grams and put each item in order from heaviest to lightest.



(a) The cabbage weighs about g.

(b) The jar of cookies weighs about kg.



(c) The bag of potatoes weighs about kg.

You can download these off the Virtual School!

Going Deeper- Challenge question:



Bag of flour = 3kg



Bag of carrots = 500g



How many grams would 2 bags of flour and 3 bags of carrots weigh in total?

