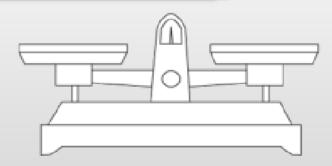
Know that weight can be measured in kg and g.

Pick up a large bag of cotton wool, a roll of kitchen paper and a bag of pasta. Which do you think is the heaviest and which the lightest? How could we check?



We can use a pan balance both to directly compare the weight of any pair of objects and also to find the number of wooden blocks each weigh.

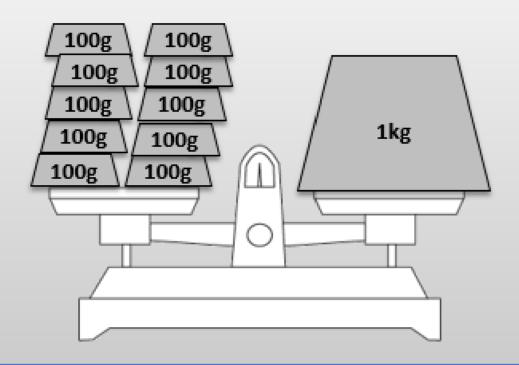
Know that weight can be measured in kg and g.

Shopkeepers, farmers and factories which package food don't use wooden bricks or marbles to weigh food, they use grams and kilograms. This makes weights easy to compare because they all use the same units of measure.

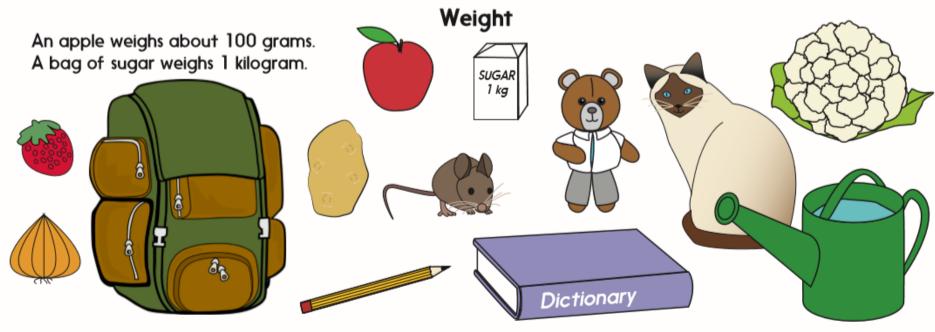
Carefully hold a kilogram and a gram weight (or items that weight 1kg and 1g). Discuss how light the gram feels and how very heavy the kilogram is. Hold a 100g weight (or something that weighs 100g). This weighs the same as 100 of the little grams! The kilogram weight weighs the same as 1000 of those little gram weights!

Know that weight can be measured in kg and g.

We can use the pan balance to show that ten 100g weights are equal to 1kg. 1000g is the same as 1kg. We could use the pan balance to weigh a shoe to the nearest 100g.





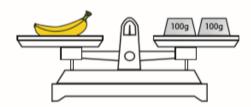


Draw the things you think will weigh less than 100 grams	Draw the things that might weigh about 1 kilogram	Draw the things you think will weigh more than 1kg

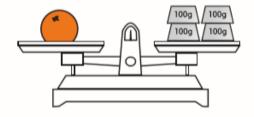
Practice Sheet Hot

Weight

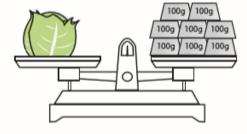
How many 100g weights balance each item?
Write the number of weights. Count in steps of 100 to find the weight in grams.
The first one is done for you.



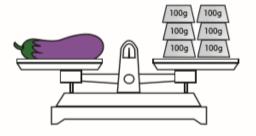
_____ weights <u>200</u> grams



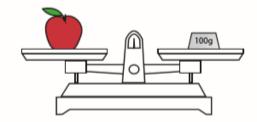
_____ weights ____ grams



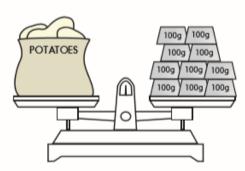
_____ weights ____ grams



_____ weights ____ grams



____ weights _____ grams



_____ weights ____ grams

Practice Sheet Hot

Weight

Draw each item weighed in the correct place in the table below.

Lighter than 500 grams	Heavier than 500 grams

Challenge

Write some items that make the same weight, e.g. 8 apples = 1 cabbage.

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