

In this activity, we will be learning to compare **masses** in grams.

Measuring the mass of something is a way of working out how light or heavy it is.
We often use weighing scales for this, similar to those in the pictures below.



We will be comparing masses in grams and we may need to do some adding up or subtracting before we can answer the question.

You could use mental methods, or written methods to do this and it might help to jot down your calculations on paper while you are working.

Let's go ahead and try an example together, as an introduction to this activity.

Discover the answers to this worksheet at edplace.com!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

© 2024 EdPlace Limited. All rights reserved.



Example

Which is heavier: the rice or the biscuits?
How much heavier?



Answer

First, let's find out which has the greatest mass by doing some mental calculations.

The **rice** has a mass of 450 grams
 $400 + 50 = 450 \text{ g}$

The **biscuits** have a mass of 350 grams.
 $300 + 50 = 350 \text{ g}$

So, the **rice** is heavier as it weighs more.

Now, we can use subtraction to work out how much heavier the rice is, compared to the biscuits.

Find the difference between the two masses: $450 \text{ g} - 350 \text{ g} = 100 \text{ g}$

The rice is heavier by **100 grams**.

Does that make sense?

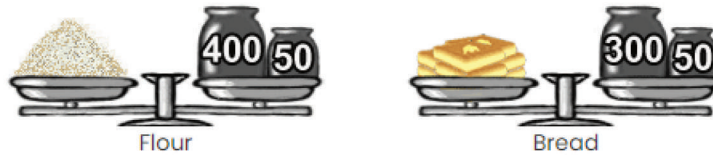
Discover the answers to this worksheet at edplace.com!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

© 2024 EdPlace Limited. All rights reserved.

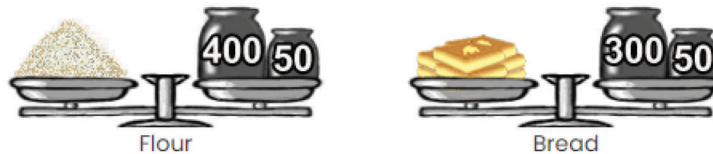


Which is heavier: the flour or the bread?



Answer:

How much lighter is the bread?



Answer:

Discover the answers to this worksheet at [edplace.com](https://www.edplace.com)!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

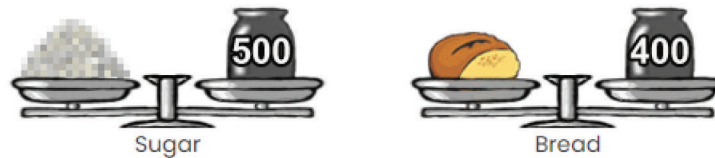


Which is lighter and which is heavier?



Answer:

How much lighter is the bread?



Answer:

Discover the answers to this worksheet at [edplace.com](https://www.edplace.com)!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.



Which is heavier: the meat or the rice?



Answer:

How much heavier is the meat?



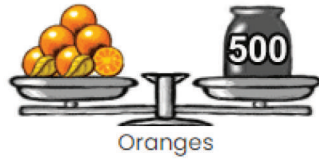
Answer:

Discover the answers to this worksheet at [edplace.com](https://www.edplace.com)!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

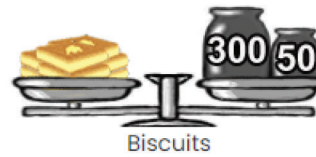
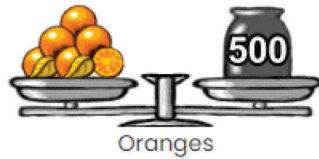


Which item is heavier?



Answer:

How much heavier are the oranges?



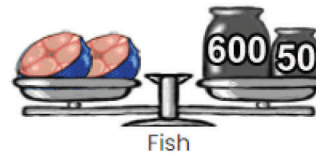
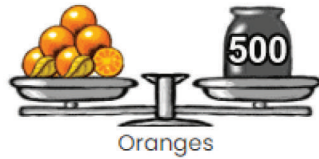
Answer:

Discover the answers to this worksheet at [edplace.com](https://www.edplace.com)!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.

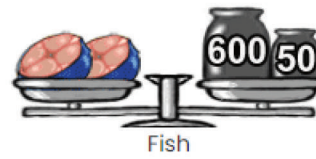
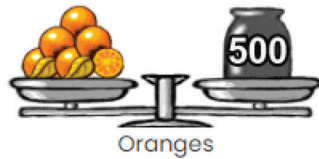


Which is heavier: the oranges or the fish?



Answer:

How much heavier is the fish?



Answer:

Discover the answers to this worksheet at [edplace.com](https://www.edplace.com)!

Join 50k+ parents who have used EdPlace to access our 11k+ National Curriculum aligned English, maths and science activities. Designed and created by qualified teachers, to support your child's education - covering KS1, KS2, KS3, SATs, GCSE and the 11 plus.



**This document and its contents are protected under the
copyright laws of the United Kingdom.**

**Unauthorised reproduction, distribution, or use of this document,
in whole or in part, without the express written permission
of EdPlace Limited, is strictly prohibited.**

For permissions or enquiries, please contact: help@edplace.com