

Matching 72

0.03×72	30% of 72	1.25 of 72	72×100
$\frac{1}{10}$ of 72	3% of 72	$\frac{3}{10}$ of 72	$\frac{5}{4}$ of 72
$72 \div \frac{1}{100}$	0.01×72	$\frac{1}{100}$ of 72	$33\frac{1}{3}\%$ of 72
125% of 72	$72 \div 10$	1% of 72	0.3×72
$\frac{1}{3}$ of 72	$72 \div 0.01$	0.1 of 72	$72 \div 100$

Cake ingredients

In total the cakes weigh 7200 grams.	An egg weighs about 50 grams.	Butter weighs 1.7 times as much as the eggs.
The chocolate weighs $\frac{1}{9}$ of the cake.	Raisins weigh 60% of the chocolate.	The flour weighs 175% of the chocolate.
Sugar weighs 225% of the nuts.	Flour weighs $\frac{7}{36}$ of the total.	The nuts weigh 0.7 of the chocolate.
Eggs weigh 125% of the chocolate.	The recipe contains 20 eggs.	The raisins weigh $\frac{6}{7}$ of the nuts.

NOTE: In science mass is measured in grams. Weight is the force of gravity on an object and is measured in newtons. However, it is common practice to refer to 'weighing' as a process when determining the mass of an object.

Cake costs

Chocolate costs 95p per 100 grams.	Eggs cost 84p per dozen.	Butter costs 30p for 0.1 kilograms.
Sugar costs £0.40 for 200 grams.	Raisins cost £0.20 per 100 grams.	
Nuts cost £1.25 for 70 grams.	Flour costs 35p per 200 grams.	

Odd one out

Name: _____

School: _____

Which problem is the odd one out? Cross it out.

<p>A bag of raisins cost £1.20. How much do 60 bags cost?</p>	<p>Fish costs £16 per kilogram. How much does $3\frac{3}{4}$ kg of fish cost?</p>
<p>Gold costs £160 per ounce. How much does $\frac{3}{8}$ of an ounce cost?</p>	<p>$66.\dot{6}\%$ of £90</p>
<p>125% of £48</p>	<p>A chocolate bar costs £0.30. How much do 200 chocolate bars cost?</p>

Explain why the problem you chose is the odd one out.

How well am I doing?

Name _____

School _____

I can work mentally on problems involving fractions, decimals and percentages
(tick a box):

☐ on my own

☐ with some help

I can compare proportions which involve fractions, decimals and percentages
(tick a box):

☐ on my own

☐ with some help

My next target

I want to get better at:
