N2a

## Matching 72

|  |  |  |  |
| --- | --- | --- | --- |
| 0.03 × 72 | 30% of 72 | 1.25 of 72 | 72 × 100 |
| of 72 | 3% of 72 | of 72 | of 72 |
| 72 ÷ | 0.01 × 72 | of 72 | 33% of 72 |
| 125% of 72 | 72 ÷ 10 | 1% of 72 | 0.3 × 72 |
| of 72 | 72 ÷ 0.01 | 0.1 of 72 | 72 ÷ 100 |

N2b

## 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  of  the cake. | Raisins weigh  60% of the  chocolate. | The flour weighs  175% of the chocolate. |
| Sugar weighs  225% of  the nuts. | Flour weighs   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  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.

N2c

## 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. |  |

N2d

## Odd one out

Name:

School:

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

|  |  |
| --- | --- |
| A bag of raisins cost £1.20.  How much do 60 bags cost? | Fish costs £16 per kilogram.  How much does  kg of fish cost? |
| Gold costs £160 per ounce.  How much does  of an ounce cost? | of £90 |
| 125% of £48 | A chocolate bar costs £0.30.  How much do 200 chocolate bars cost? |

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

N2e

## 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: