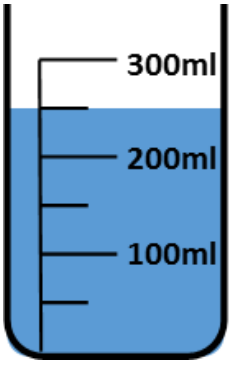
solve simple measure and money problems involving fractions

(worksheet 1)

1

Sophia poured $\frac{1}{5}$ of this water out of the jug.

How much water was left in the jug?

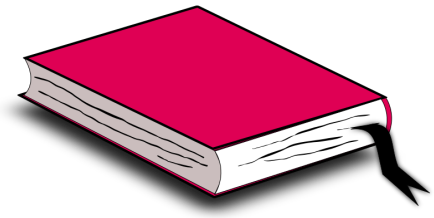


2

Lois had £10.

She spent $\frac{3}{5}$ of her money on a book.

How much did the book cost?



3

Jack's big sister is 12 years old.

Jack is $\frac{2}{3}$ as old as his sister.

How old is Jack?

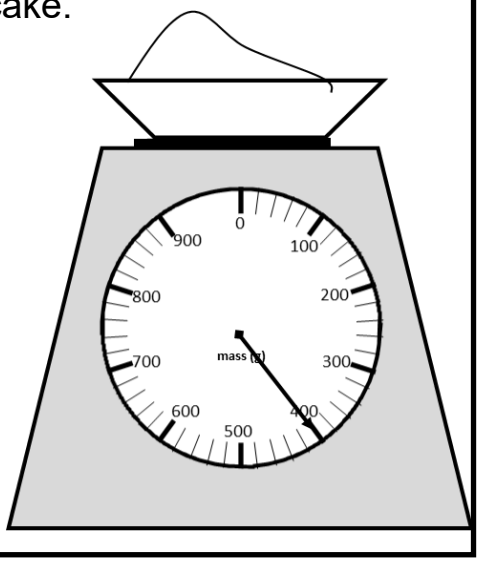
4

This is how much flour is needed to make a large cake.

Tom is making a smaller cake.

He needs $\frac{3}{4}$ of this amount of flour.

How much flour does he need?



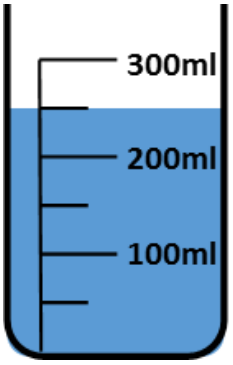
solve simple measure and money problems involving fractions

(worksheet 2)

1

Sophia poured $\frac{3}{5}$ of this water out of the jug.

How much water was left in the jug?

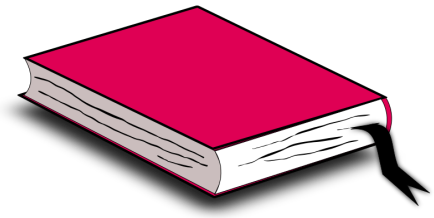


2

Lois had £3.60

She spent $\frac{2}{3}$ of her money on a book.

How much did the book cost?



3

Jack's Grandma is 60 years old.

Jack's Mum is $\frac{3}{5}$ the age of his Grandma

How old is Jack Mum?

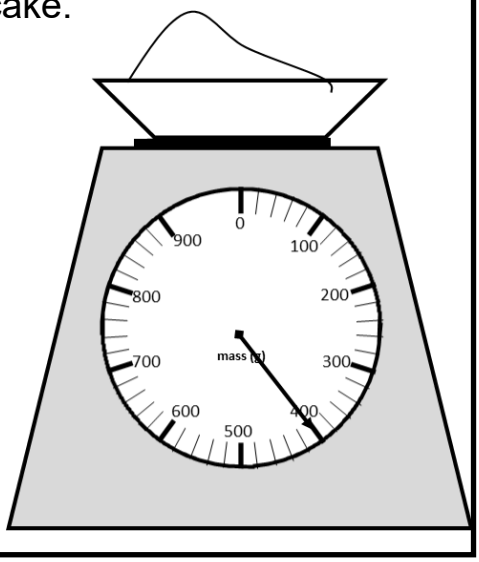
4

This is how much flour is needed to make a large cake.

Tom is making a smaller cake.

He needs $\frac{3}{10}$ of this amount of flour.

How much flour does he need?



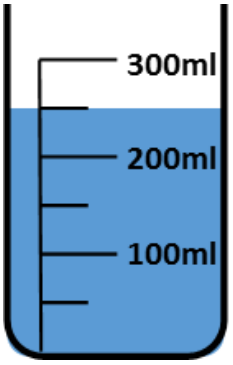
solve simple measure and money problems involving fractions

(worksheet 3)

1

Sophia poured $\frac{3}{10}$ of this water out of the jug.

How much water was left in the jug?

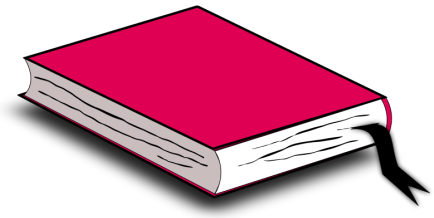


2

Lois had £6.30

She spent $\frac{3}{10}$ of her money on a book.

How much did money did she have left?



3

Jack's Grandma is 60 years old.

Jack's Mum is $\frac{7}{10}$ the age of his Grandma. Jack is $\frac{1}{6}$ the age of his Mum.

How old is Jack?

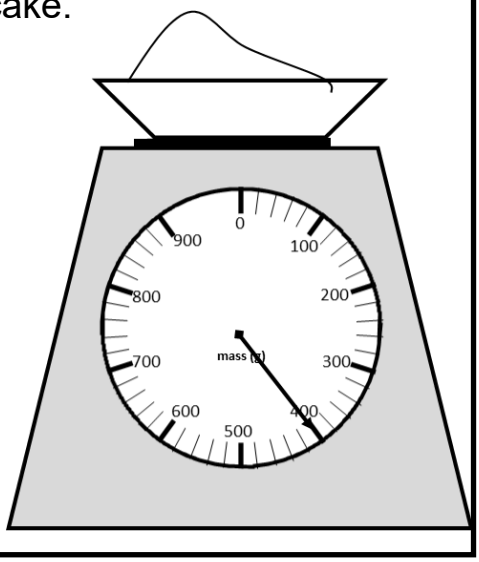
4

This is how much flour is needed to make a large cake.

Jack is making a smaller cake.

He needs $\frac{5}{8}$ of this amount of flour.

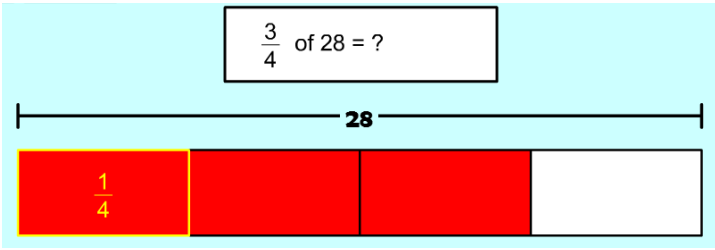
How much flour does he need?



MATHSFRAME.CO.UK

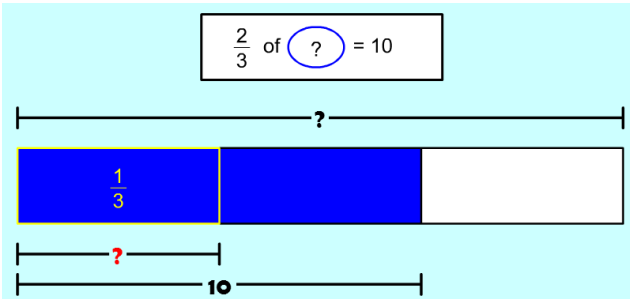
solve simple measure and money problems involving fractions

Useful interactive games to teach finding fractions of numbers.



http://mathsframe.co.uk/en/resources/resource/144/fractions_of_numbers

Uses a bar to guide you through finding unit fractions and then multi-part fractions of numbers.

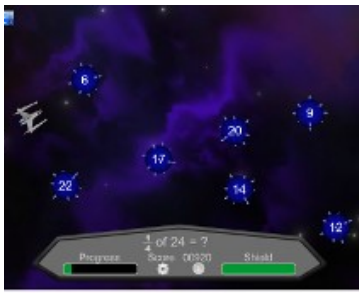


http://mathsframe.co.uk/en/resources/resource/145/fractions_of_unknown_numbers

Uses a bar to give a visual representation of the steps needed to find a number when given a fraction of that number.

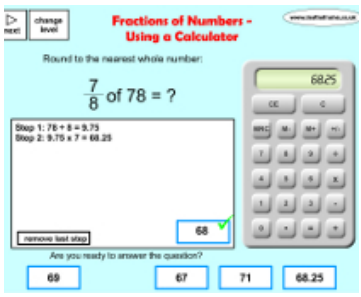
http://mathsframe.co.uk/en/resources/resource/264/Crystal_crash_fractions_numbers

Find a fraction of a number and then throw your pickaxe at the correct answer. Lots of choice of level.



http://mathsframe.co.uk/en/resources/resource/285/Fractions_of_Numbers_Mine_Mayhem

Find a fraction of a number and then shoot the mine with the correct answer. Lots of choice of level.



http://mathsframe.co.uk/en/resources/resource/204/fractions_of_numbers__calculator

Use a calculator to find a fraction of a number.

There are many more games that help develop an understanding of fractions, decimals and percentages here:

http://mathsframe.co.uk/en/resources/category/18/fractions_decimals_and_percentages

Answers: Worksheet 1 - 1) 200ml 2) £6 3) 8 4) 300g

Worksheet 2 - 1) 100ml 2) £2.40 3) 36 4) 120g

Worksheet 3 - 1) 175ml 2) £6.30 - £1.89 = £4.41 3) Mum - 42, Jack - 7 4) 250g