



Joyfulmathswithruth

Functional Skills and GCSE Foundation

Edexcel

Unit 1: Number Lesson 10 - Fraction of an amount

FS1

FS2

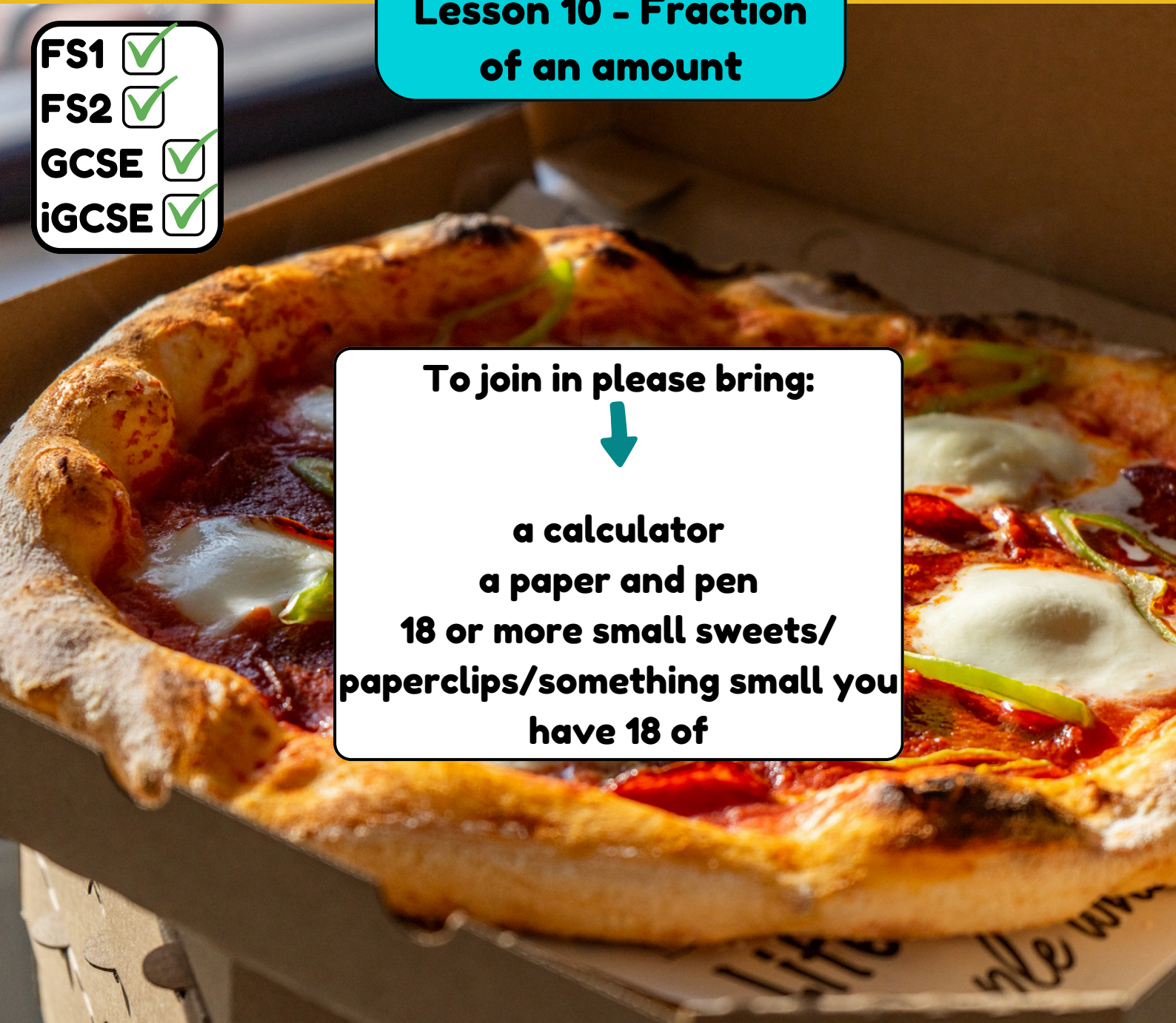
GCSE

iGCSE

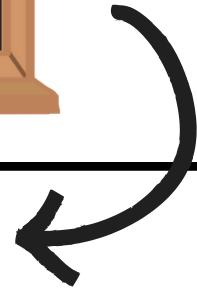
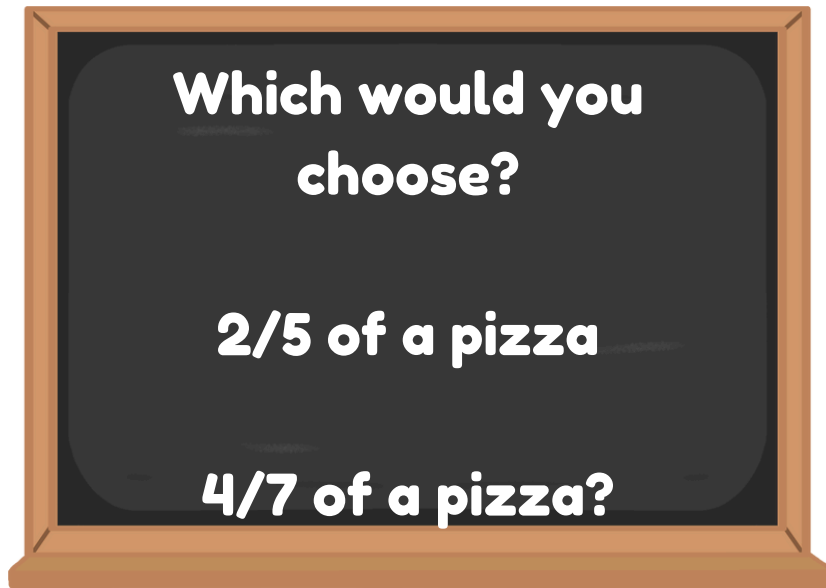
To join in please bring:



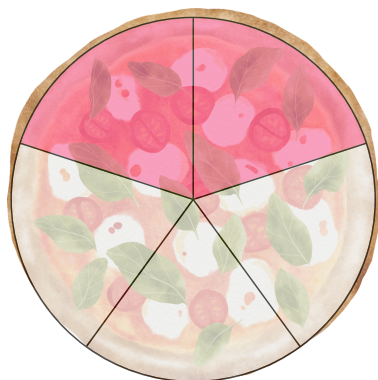
**a calculator
a paper and pen
18 or more small sweets/
paperclips/something small you
have 18 of**



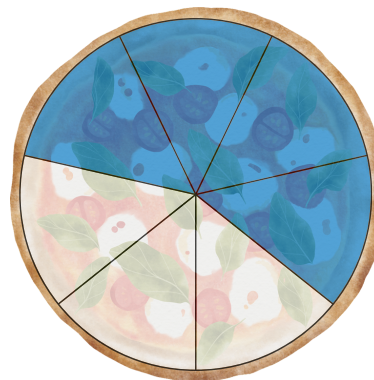
Start thinking:



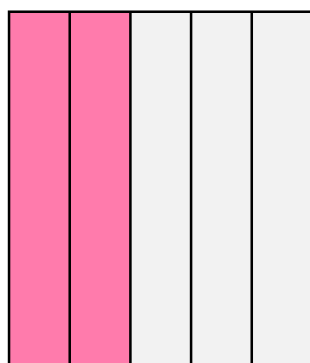
Comparing fractions:



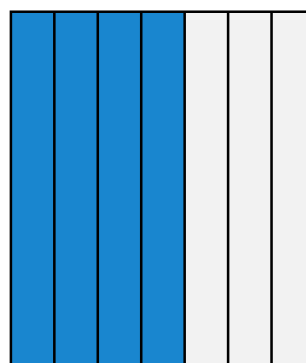
$2/5$ of a pizza



$4/7$ of a pizza



$2/5$



$4/7$

What do you notice?



Bar model

Take 12 sweets and share them into the boxes equally

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How many are in each box?

How do you know?

Eat $\frac{2}{3}$ of them. How many did you eat?



Bar model

Find $\frac{5}{6}$ of 18

What did you do?

Match these up

A $\frac{1}{3}$ of £24

B $\frac{1}{6}$ of £24

C $\frac{1}{4}$ of £24

D $\frac{3}{8}$ of £24

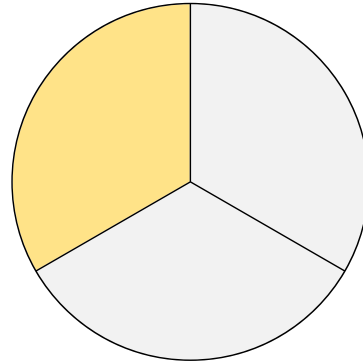
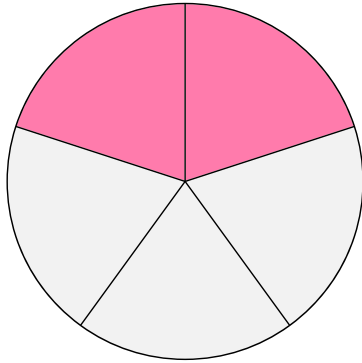
W $£24 \div 6$

X $£24 \div 3$

Y $£24 \div 8 \times 3$

Z $£24 \div 4$

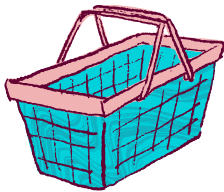
Would you rather?



$\frac{2}{5}$ of £15

$\frac{1}{3}$ of £15

Dave's
Discounts



$\frac{2}{9}$ s off

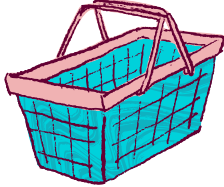
Ben's
bargains



**$\frac{3}{4}$ of the
original price**

Would you rather?

Dave's
Discounts



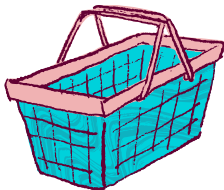
$\frac{2}{3}$ the
original price

Ben's
bargains



£10 off

Dave's
Discounts



$\frac{4}{5}$ the
original price

Ben's
bargains



$\frac{2}{7}$ off

At home:



I only have
time to do 3
questions

1. You have £45

Find $\frac{1}{3}$ of £45

Find $\frac{2}{3}$ of £45

Find $\frac{3}{3}$ of £45



2. Circle the larger answer

a) $\frac{3}{4}$ of 60 or $\frac{1}{5}$ of 200

b) $\frac{3}{8}$ of 24 or $\frac{1}{10}$ of 85

3. Find the larger amount

a) $\frac{2}{5}$ of 3m or $\frac{1}{2}$ of 190cm

b) $\frac{2}{3}$ of 18 hours or $\frac{5}{8}$ of a day



At home:

In order to save money, a coffee company reduces the size of its 300g pot of coffee by $\frac{1}{5}$.

After complaints, the company decides to increase the size of the new pot by $\frac{1}{5}$.

Assuming the price stays the same - will the company save money?



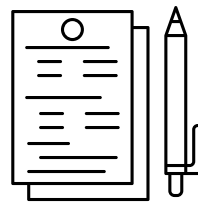
Practice questions

At home:

You can find a range of practice questions [here on Transum](#) Levels 1 - 4 (self marking)

[This is a nice little visual problem to have a go at on Transum](#)

There are a lot of questions here - I would be inclined to just to 3 or 4 at each level, unless you feel you want more practice



Exam questions

At home:

FFS 2 and GCSE and iGCSE:

Here are a set of past exam style questions from Maths Genie
Answers here

If you have already done a bit of practice on this or feel very confident, concentrate on the worded problems from 17 onwards