



**Joyfulmathswithruth**

# Functional Skills and GCSE Foundation

Edexcel

## Unit 1: Number

### Lesson 13 - Percentage of an amount

FS1

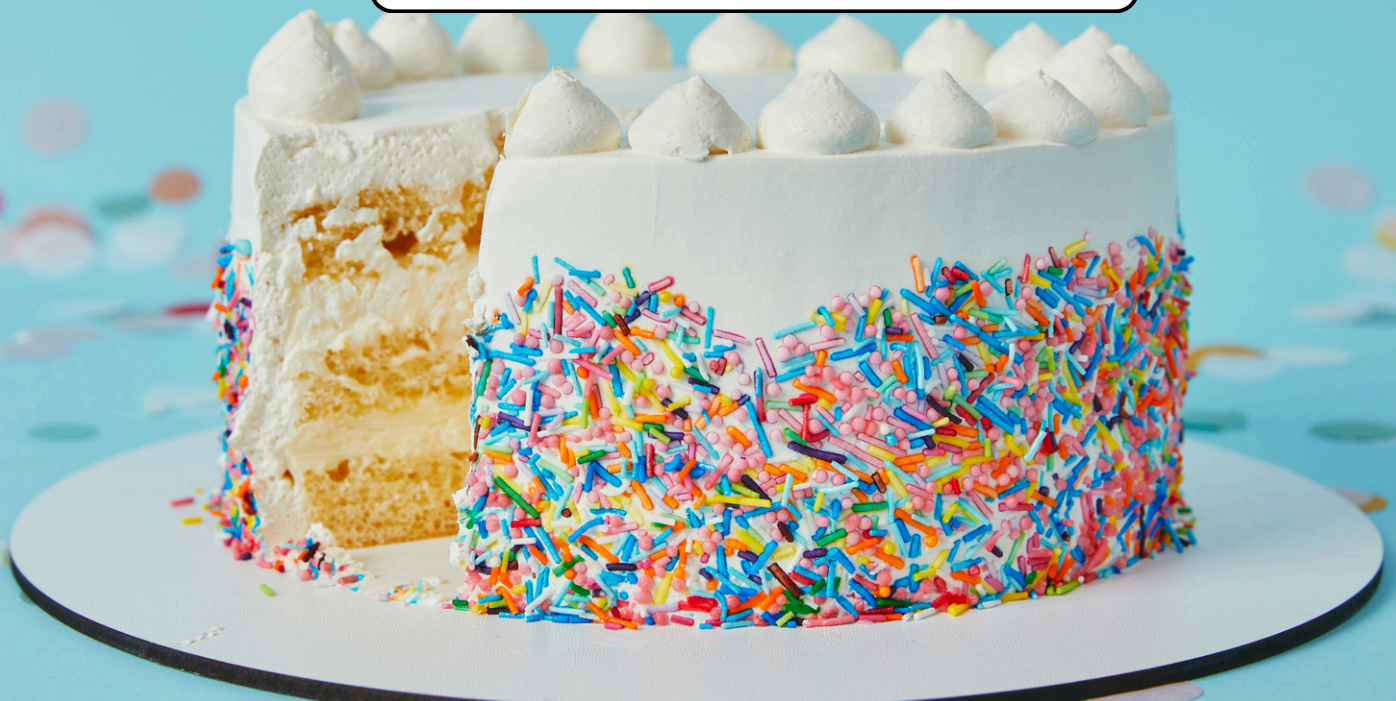
FS2

GCSE

iGCSE

#### **Bring these to join in:**

2 or 3 pieces of square paper,  
colouring pens/pencils, a  
calculator

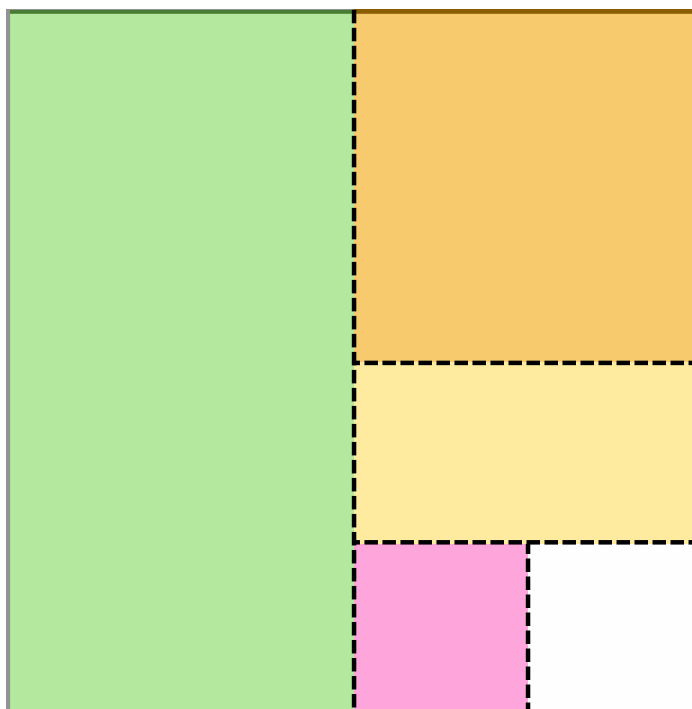


# Start thinking:



A large empty rectangular box for writing the answer to the question.

What do you notice?



Put these amounts into %





## Match them up

85%

0.18

80%

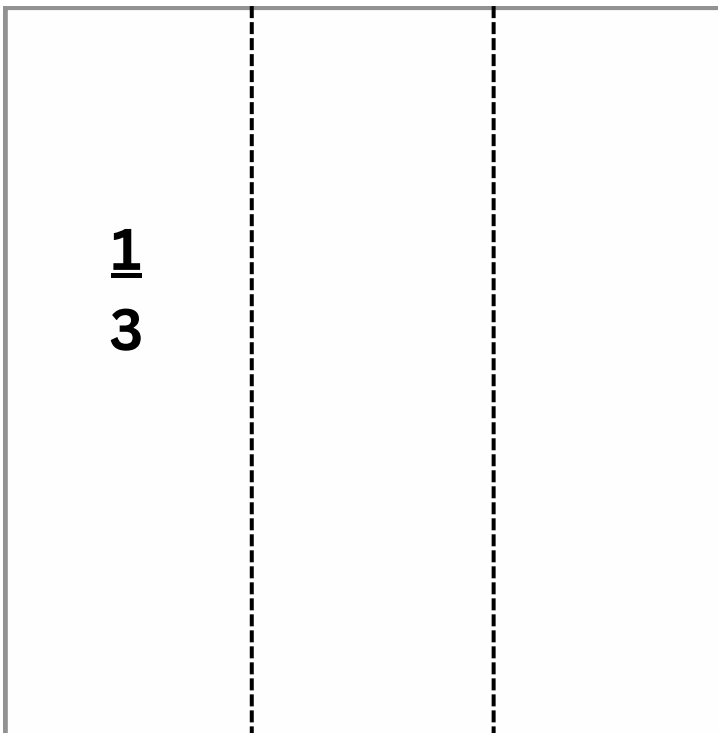
0.8

8%

0.85

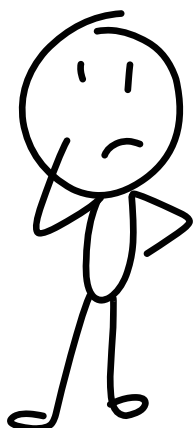
18%

0.08



Split a piece of paper into 3 equal parts

What is 32% as a fraction?



Odd one out

64%

32

50

0.64

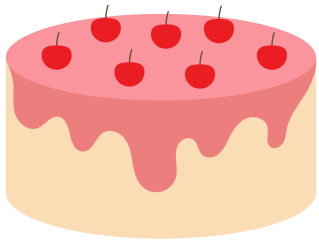
0.32

16

25

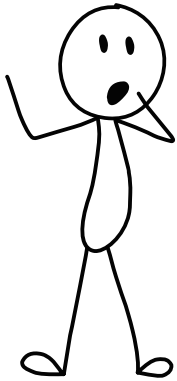
64

100



**Who got the most cake?  
Order from largest to smallest**

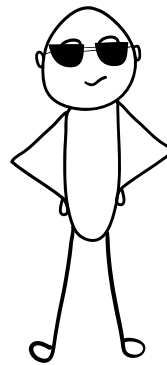
**Sam got  
15%**



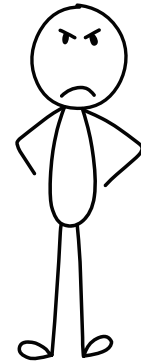
**Bee got  
 $\frac{1}{4}$**



**Jo got  
0.2**



**Kay got  
 $\frac{2}{5}$**





## Practice questions

### At home:

#### Corbett Maths FDP practice:

<https://corbettmaths.com/wp-content/uploads/2018/11/FDP-Mixture-pdf.pdf>

#### Answers:

<https://corbettmaths.com/wp-content/uploads/2018/11/FDP-Mixture-Answers-1.pdf>

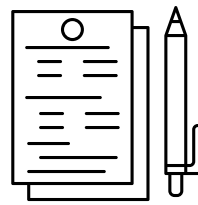
#### Transum fraction and percatnage:

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Matching.asp?](https://www.transum.org/software/SW/Starter_of_the_day/Students/Matching.asp?Title=Fraction%20Percentage%20Matching&GoMathsIDItem=579&ImageFolder=/Software/SW/Starter_of_the_day/Students/Pairs_Fractions_Percentages/img/&Topic=11)

[Title=Fraction%20Percentage%20Matching&GoMathsIDItem=579&ImageFolder=/Software/SW/Starter\\_of\\_the\\_day/Students/Pairs\\_Fractions\\_Percentages/img/&Topic=11](https://www.transum.org/software/SW/Starter_of_the_day/Students/Pairs_Fractions_Percentages/img/&Topic=11)

#### Transum fraction decimals games

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Pairs.asp?Topic=15](https://www.transum.org/software/SW/Starter_of_the_day/Students/Pairs.asp?Topic=15)



# Exam questions

## At home:

### FS 1 and 2 and GCSE:

Maths genie video:

[https://www.mathsgenie.co.uk/FDP.php#google\\_vignette](https://www.mathsgenie.co.uk/FDP.php#google_vignette)

### Kenneth Stafford questions:

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/fractions-decimals-and-percentages/qs-fractions-decimals-and-percentages-pp>

### Kenneth Stafford answers:

<https://www.kennethstafford.co.uk/resources-folder/past-paper-questions/grade-2-gcse-maths-topics/fractions-decimals-and-percentages/ans-fractions-decimals-and-percentages-pp>