



Joyfulmathswithruth

Functional Skills and GCSE Foundation

Edexcel

Unit 3: Data handling Lesson 2 - Averages

FS1

FS2

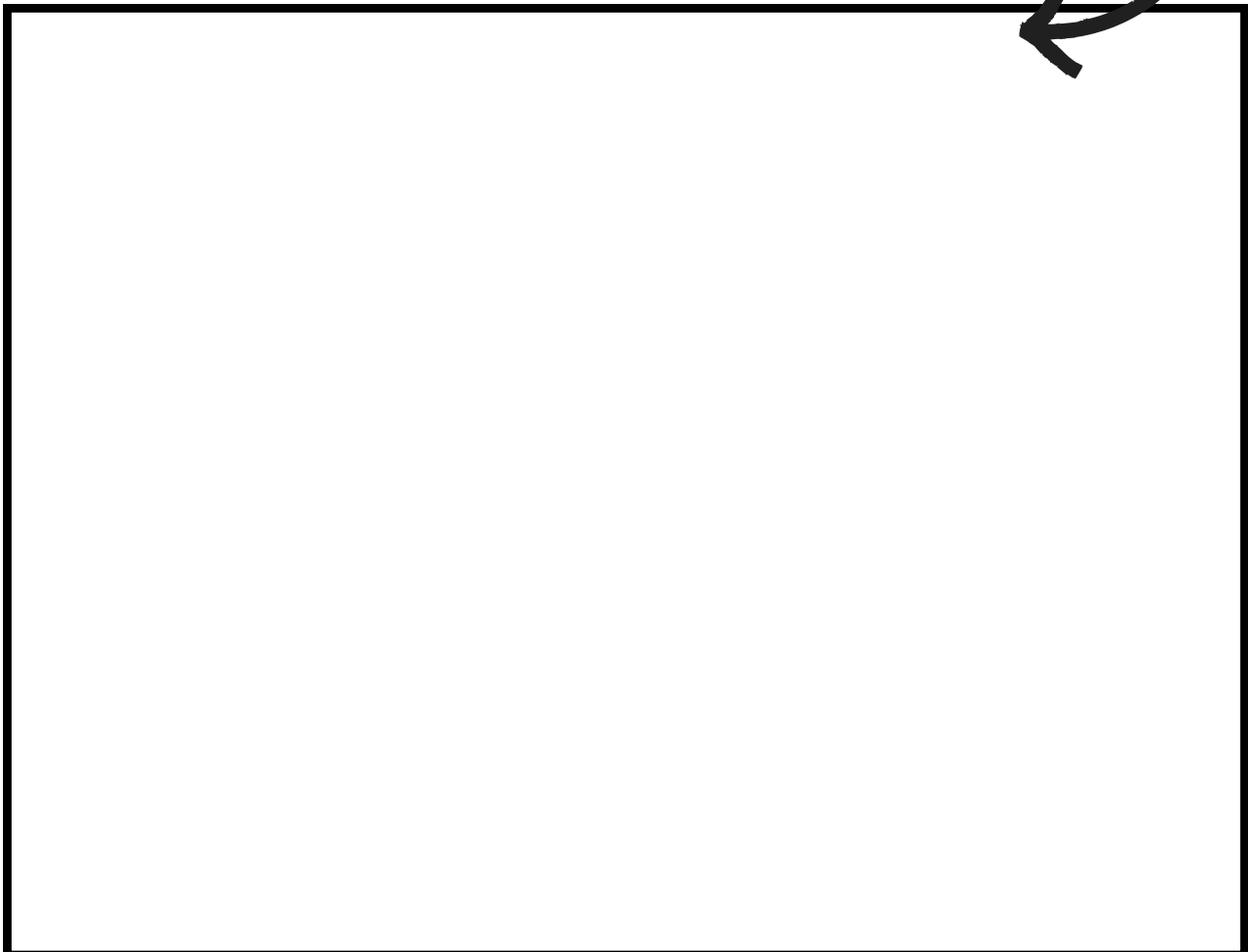
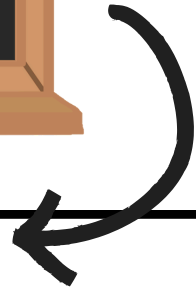
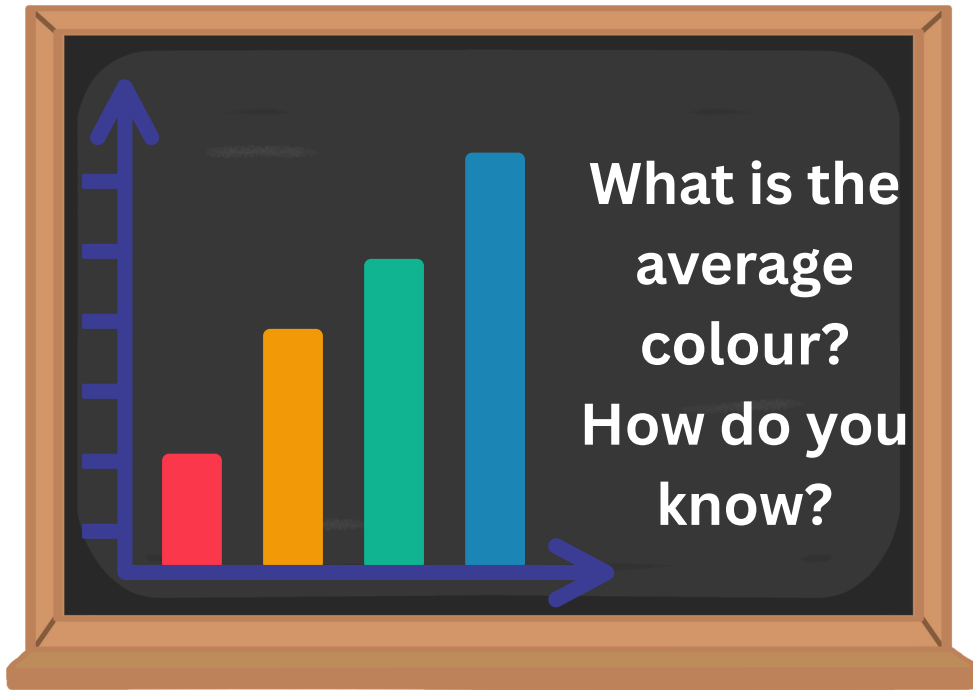
GCSE

iGCSE

Bring to join in: 10 blocks or
lego pieces or any loose part,
calculator, something to write
with and something to write on



Start thinking:

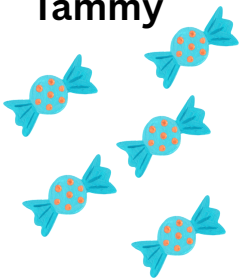


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FS2	<input checked="" type="checkbox"/>
GCSE	<input checked="" type="checkbox"/>
iGCSE	<input checked="" type="checkbox"/>

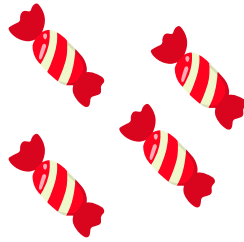
Mean - Share it out fairly



Tammy



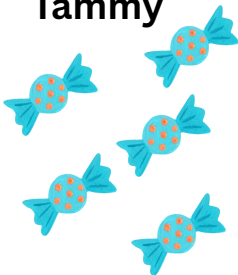
Sally



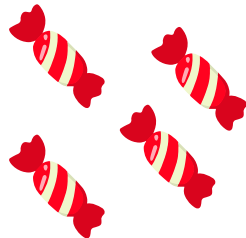
Rowan



Tammy



Sally

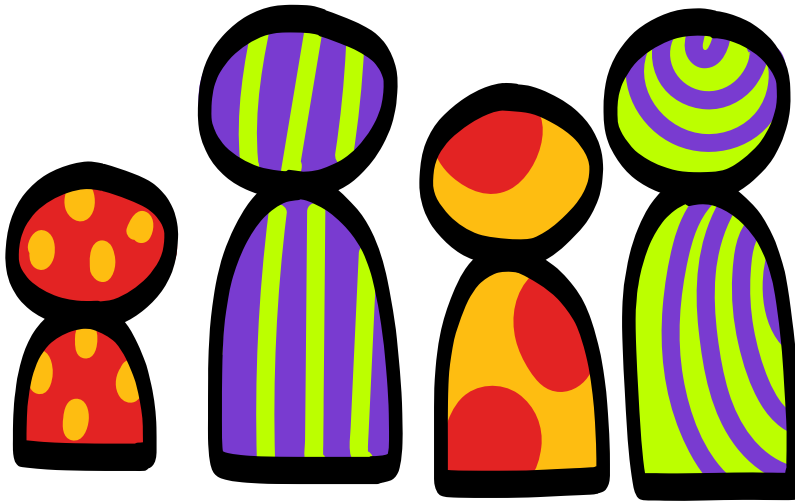


Rowan



Vinny





Daughter:
18kg

Dad:
90kg

Son:
25kg

Mum:
60kg



Big dog:
18kg



Little dog:
16kg

Mean weight

Range

**Women's
rugby team:**

2 5 3 6 4

The average number
of tries is the same.
So both teams are
equally as good.



**Men's rugby
team:**

1 9 2 1 7



Our range is lower.
That means we are
more consistent.

Mode?

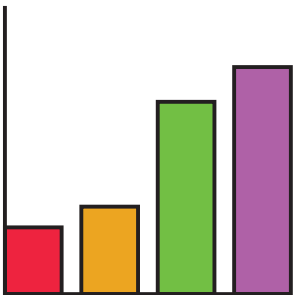


1, 1, 1, 2, 3, 4, 4,

1, 2, 3, 4, 5, 6, 7

2, 7, 2, 4, 6, 2, 8, 1

red, blue, green, green, red



8, 8, 8, 8, 8, 8, 8, 8, 8, 8

Median?



1, 1, 1, 2, 3, 4, 4,

2, 7, 2, 4, 6, 2, 8

1, 2, 3, 4, 5, 6, 7, 8

8, 8, 8, 8, 8, 8, 8, 8, 8, 8

7, 6, 2, 8, 8, 9, 1, 2, 3, 3

red, blue, green, green, red

Bingo

31	Orange	5
6	8	Red
3		Blue



Practice questions

At home:

Averages - Corbett Maths

<https://corbettmaths.com/wp-content/uploads/2013/02/averages-and-range-pdf2.pdf>

Answers:

<https://corbettmaths.com/wp-content/uploads/2019/08/Averages-median.pdf>

Videos

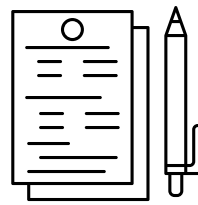
<https://corbettmaths.com/2013/12/21/the-mode-video56/>

This is a cool game from Transum:

https://www.transum.org/Software/Fun_Maths/Averages.asp

And a nice little challenge from Transum too:

https://www.transum.org/Software/SW/Starter_of_the_day/starter_November9.ASP



Exam questions

At home:

Past paper questions Averages - Maths Genie

<https://www.mathsgenie.co.uk/resources/2-averages.pdf>

Answers:

<https://www.mathsgenie.co.uk/resources/2-averagesans.pdf>

Video (pause to do the questions as you go through):

<https://www.mathsgenie.co.uk/averages.php>