



Joyfulmathswithruth

Functional Skills and GCSE Foundation

Edexcel

Unit 3: Data handling Lesson 4 - Probability

FS1

FS2

GCSE

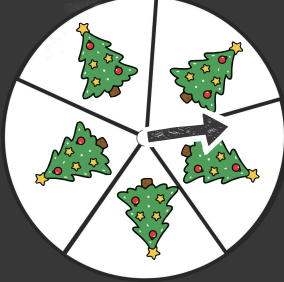
iGCSE

Bring to join in: 2 coins, 2
mince pies/biscuits or other
festive treats




Start thinking:

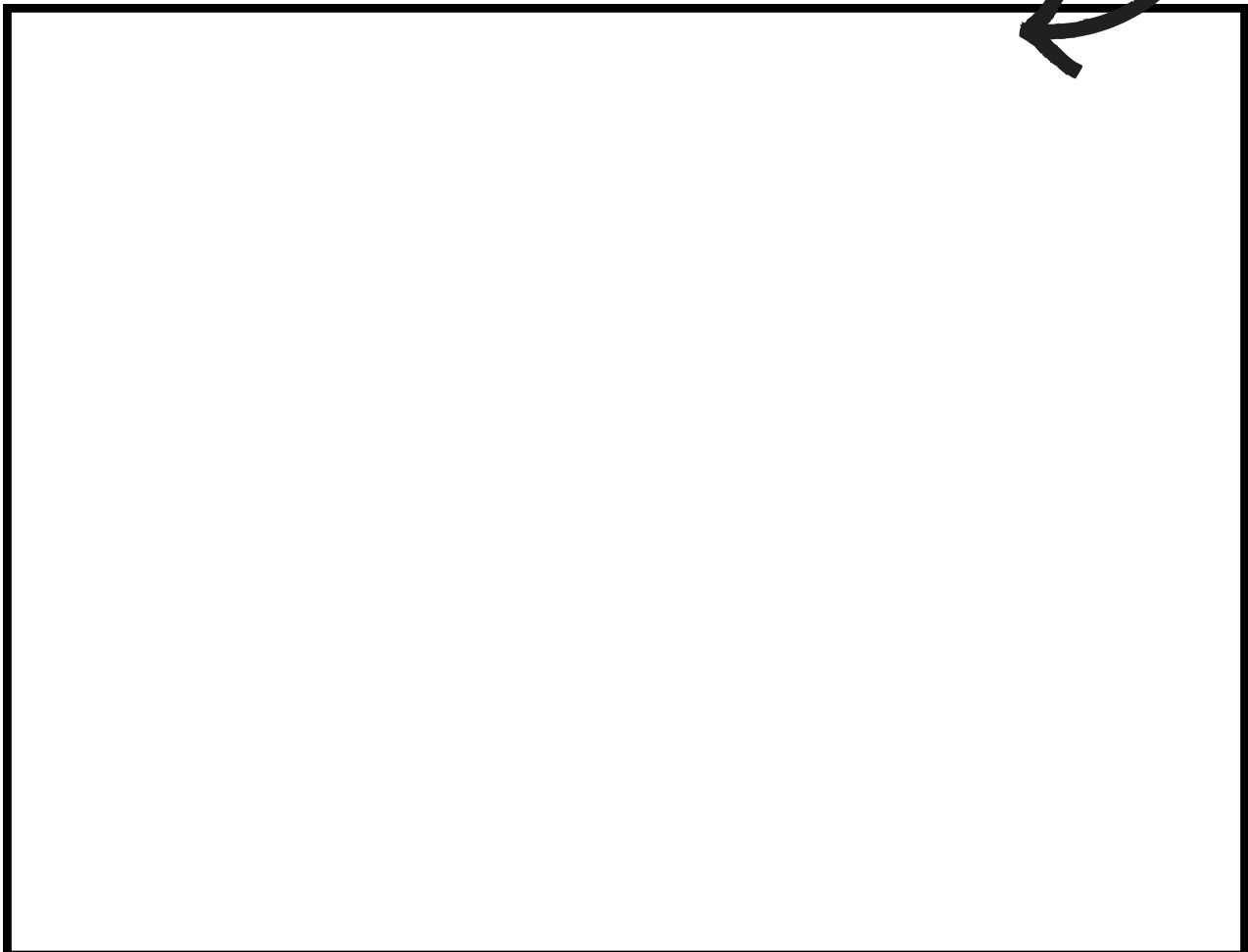
Spinner 1



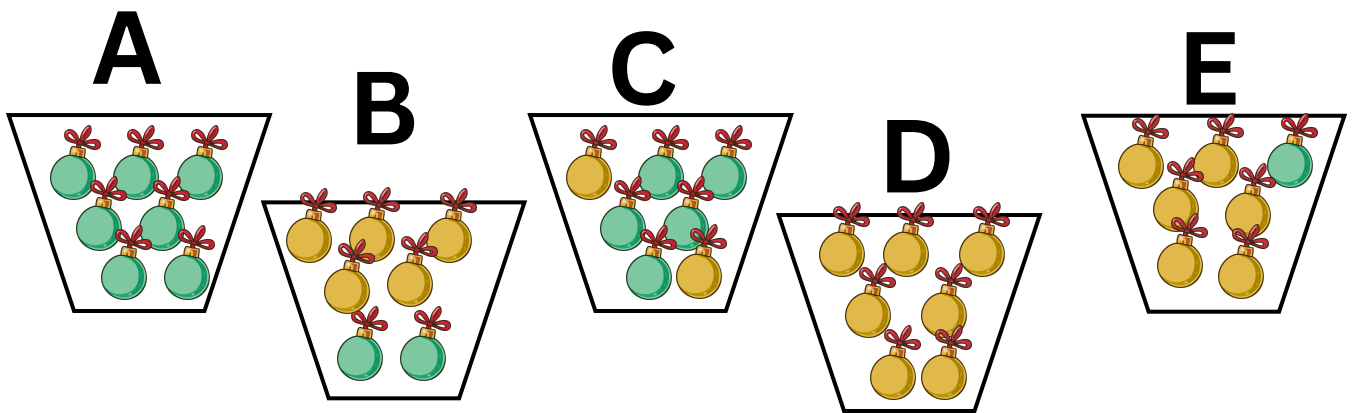
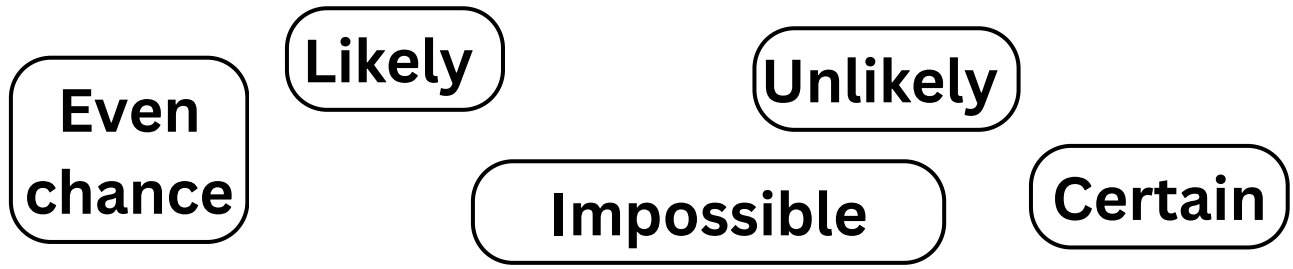
Spinner 2



What words would you use to describe the probability of landing on a Christmas tree on each spinner?



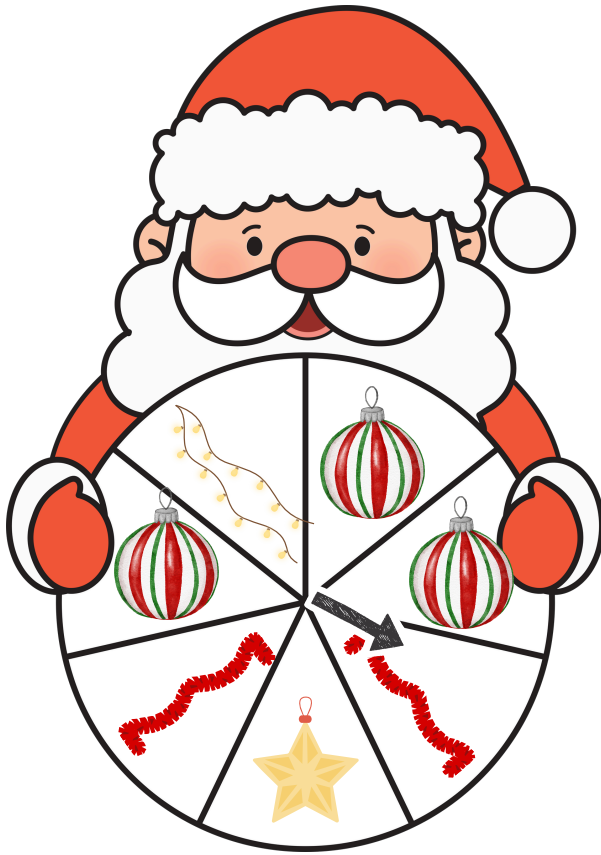
Probability words



- 1.
- 2.
- 3.
- 4.
- 5.

Probability as a fraction

FS1
FS2
GCSE
iGCSE



Probability as a decimal

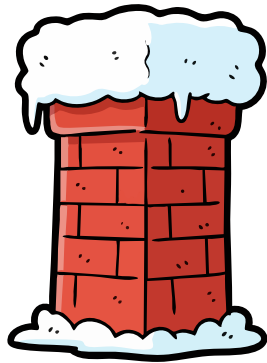
Chimney	A	B	C	D
Probability	?	0.3	0.1	0.4



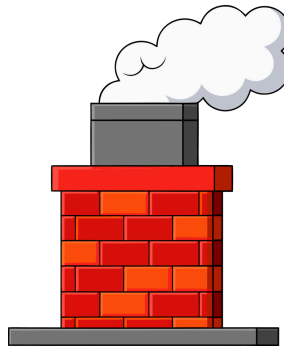
A



B



C



D



How many carrots will they eat?	0	1	2
Probability	?	0.21	0.65

0.14

1.4

0.014



Listing outcomes



What is the probability of throwing 1 heads and 1 tails?



Bingo

1	Certain	0
4/12	Even chance	1/4
Likely	1/3	1/7



Practice questions

At home:

Probability - Corbett Maths

<https://corbettmaths.com/wp-content/uploads/2021/03/Probability-2.pdf>

Answers:

<https://corbettmaths.com/2019/10/10/probability-textbook-answers/>

Videos

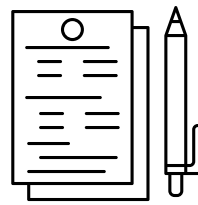
<https://corbettmaths.com/2018/11/30/probability-videos/>

Transum:

https://www.transum.org/Software/SW/Starter_of_the_day/starter_March12.ASP

https://www.transum.org/Software/SW/Starter_of_the_day/starter_November12.ASP

<https://www.transum.org/software/SW/SnailRace/PossibilitySpace.asp>



Exam questions

At home:

Past paper questions - Maths Genie

<https://www.mathsgenie.co.uk/resources/2-writing-probability-and-the-probability-scale.pdf>

Answers:

<https://www.mathsgenie.co.uk/resources/2-writing-probability-and-the-probability-scaleans.pdf>

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

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

Listing outcomes - Maths Genie

<https://www.mathsgenie.co.uk/resources/2-systematic-listing-ws.pdf>

Answers:

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

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

<https://www.mathsgenie.co.uk/systematic-listing.php>