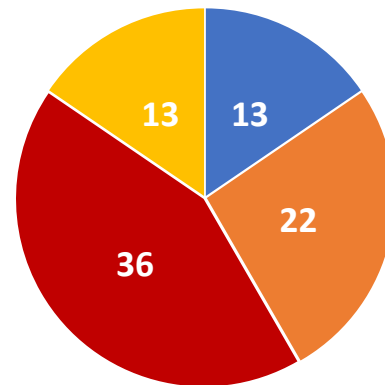


Chance

Instructions: Answer the chance questions with 'likely', 'unlikely', 'even chance', 'certain' or 'impossible'.

Sarah opens a bag of gummy bears. The pie graph on the right shows how many gummy bears there are inside and what colour they are.



1

What is the chance of picking a **red** gummy bear out of the bag?

2

What is the chance of picking an **orange** gummy bear out of the bag?

3

What is the chance of picking a **yellow** gummy bear out of the bag?

4

What is the chance of picking a **blue** gummy bear out of the bag?

5

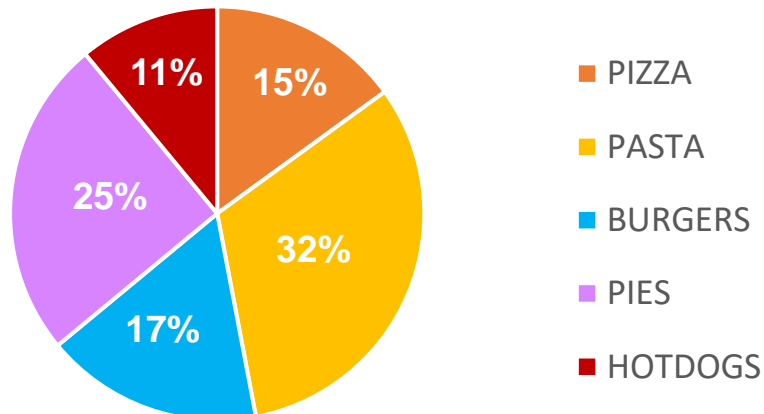
What is the chance of picking a **red** or **orange** gummy bear out of the bag?

6

If Sarah opens another bag of gummy bears, is it possible that these probabilities will change?



Many people at a concert buy snacks from the vendor outside.
The vendor sells hotdogs, pizza, pasta, burgers and pies.
The pie graph below shows the percentage of each snack sold last Saturday.



1	What is the chance a customer bought a hotdog from the vendor?	2	What is the chance that a customer bought pasta or a pie?
3	What is the chance that a customer bought a burger or pizza from the vendor?	4	What is the chance that a person did not buy a pie from the vendor?
5	How much more likely is it that someone bought a burger or pie over a pizza or hotdog?	6	Will these probabilities change at the next concert?