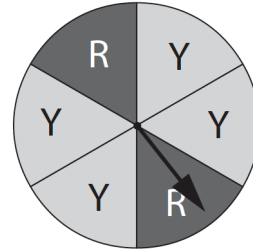


Probability

1. How many times in 18 spins would you expect to land on yellow?



2. The probability that someone is born with brown eyes is $\frac{68}{133}$.
How many brown eyed babies would you expect to be born in Canada next week if the total number of births is expected to be 7434?

3. a) How many outcomes are possible if you roll a number cube and flip a coin? Show how you know.



- b) What is the probability of rolling a number more than 2 and getting heads?

Probability (continued)

4. Predict the theoretical probability of each event.

- b) The number of times you will land on red in 40 spins of this spinner



- c) The number of even numbers in 20 rolls of a number cube



5. A spinner contains three green sections, two yellow sections and one red section

You spin once, then spin a second time. How would you calculate the theoretical probability and experimental probability for spinning each colour?

