

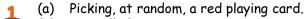
Homework 5

Bronze Level

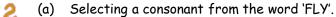


Outcome 1 - Estimating Probability

Draw a probability line for each of these sets of events...



- (b) You will close your eyes at some point today.
- (c) Argentina will win the football European Championships.





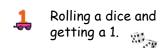
- (c) July will have more than 31 calendar days next year.
- (a) The next child you see will be a girl.
 - (b) 'Boxing Day' will be celebrated in June next year.
 - (c) You will have a birthday this year.

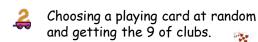


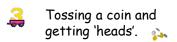
- (a) A small ice cube will melt on a warm, sunny day.
- (b) Toss a coin and it will land on 'heads'.
- (c) If today is Saturday then tomorrow is Wednesday.
- (a) Roll a dice and it will land on a number less than 4.
- (b) The September weekend will be in March next year.
- (c) Selecting a consonant from the word 'TRY'.

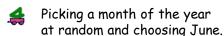
Outcome 2 - Calculating Simple Probability

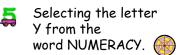
Write down the probability of each event happening...

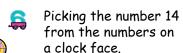




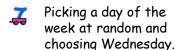


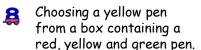


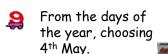














From a bowl containing an apple, a banana, a pear and an orange, selecting an orange.

Outcome 3 - Choosing at Random

A bag contains a green counter, 3 red counters, 5 yellow counters and 2 blue counters. A counter is chosen at random. What is the probability of choosing...



a green counter?



a red counter?



a yellow counter?



a blue counter?



a purple counter?

A bag contains 8 purple tokens, 4 red tokens, 2 blue tokens and 5 green tokens. A token is chosen at random. What is the probability of choosing...



a purple token?



a red token?



a blue token?



a green token?



a yellow token?