Theoretical Probability

Wednesday, 14 February 2018 6:09 pm

This video aligns with the Australian Year 7 Essential Mathematics Series (VIC) from Cambridge. No infringement of copyright was intended with the use of any examples.

We can use a "best guess" approach to finding the chance of something happening. We normally do this using fractions, decimals and percentages. The questions will tell us what they want the answer to be written as.

Possible outcomes

Questions to be done once the teaching has finished: Year 7 Textbook Exercise 8H Questions: 1, 2, 3, 4, 5, 6, 8, 11



the range of values of a random variable.



({Heads Tails})



{Blue White Red}







Finding probabilities from outcomes



We don't like writing the word PROBABILITY as it's **TOO LONG**!



So, we write it shorter



Chance Module Page 2



Chance Module Page 3

$$P_{r}\left(\frac{1}{5narrs}\right) = \frac{1}{10} + 1$$

$$P_{r}\left(\frac{1}{5narrs}\right) = \frac{1}{10}$$

$$P_r(A) = 0.3]$$

$$P_r(\bar{A}) = 0.7$$