



## Probability worksheet

- 1) A committee of 5 is to be selected from a group of 7 men and 11 women. If the selection is made randomly. What is the probability that the committee consists of 3 men and 2 women?
  
  
  
  
  
  
  
  
  
  
- 2) One card is drawn from a well-shuffled deck of 52 cards. Find the probability of drawing:
  - a) An ace
  
  
  
  
  
  
  
  - b) '2' of spades
  
  
  
  
  
  
  
  - c) '10' of a black suit
  
  
  
  
  
  
  
  
  
  
- 3) Tickets numbered 1 to 20 are mixed up together and then a ticket is drawn at random. What is the probability that the ticket has a number which is a multiple of 3 or 7?
  
  
  
  
  
  
  
  
  
  
- 4) The letters of the word PROBABILITY are written on paper slips and put in a bag. If one slip is drawn randomly, what is the probability that it bears the letter P?
  
  
  
  
  
  
  
  
  
  
- 5) What is the probability of getting a letter O in SCHOOL?



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## Answers

1. 0.41
2. a)  $1/13$   
b)  $1/52$   
c)  $1/26$
3. zero
4.  $1/11$
5.  $1/5$