

Quiz: Empirical Probability

1	From 26 letters, there are 21 letters called consonants. Find the probability of selecting a letter other than consonant?	
2	A number cube has 6 sides numbered 1 to 6. If the cube is thrown once, what is the probability of rolling the number 2 or the number 5?	
3	An event has a theoretical probability of 0.1. How many times is the event likely to occur in 100 trials?	
4	An event has a theoretical probability of $\frac{1}{4}$ . What is the probability of occurring odds in 200 trials?	
5	Find the odds of randomly choosing the letter W from a bag that contains the letters SUNFLOWER?	
6	A six-sided die is rolled. The sides show dots that range from 5 dots to 10 dots. What is the probability the side with 7 dots will appear on the top of the die?	
7	A bottle contains 8 marbles: 2 are red, 3 are blue and 3 are green. What is the probability that one will pick a blue marble?	
8	If one letter is chosen at random from the word THESAURUS, what is the probability that the letter chosen is the letter 'T'?	
9	A number cube has 6 sides. The sides are numbered 1 to 6. If the cube is thrown once, what is the probability of rolling 6?	
10	What is the probability that a randomly selected 21 to 36 number is divisible by 2?	

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%