

Theoretical Probability

Define Theoretical Probability:

1. Ms. Russell has a dice which has all the letters in the alphabet on it, once each. What is the **theoretical probability** that:

She will roll a B?	
She will roll a vowel?	
She will roll a 4?	
She will roll a letter in the word “cat”?	
She will roll a letter in the word “trees”?	
She will roll a letter of the alphabet?	

2. What is the **theoretical probability** that on a **standard die**, you will roll:

An even number?	
A number less than 3?	
A 5?	
A 7?	

3. What is the **theoretical probability** you will spin an odd number?

