

PROBABILITY

Solve the problems given below. Simplify your fractions to lowest terms

1) What is the probability of getting a 4 after rolling a single 6 - sided die?

$$\frac{1}{6}$$

2) What is the probability of pulling on Jack from a standard deck of playing cards?

$$\frac{4}{52} = \frac{1}{13}$$

3) What is the probability of choosing a black marble from a jar that contains 4 different colour marble?

$$\frac{1}{4}$$

4) What is the probability of pulling a 5 or 6 from a standard deck of playing cards

$$\frac{4}{52} + \frac{4}{52} = \frac{8}{52} = \frac{2}{13}$$

5) What is the probability of choosing a letter from a jar containing all the letters from the english alphabet?

$$\frac{1}{26}$$

6) What is the probability of choosing a vowel from a jar containing all the letters from the english alphabet?

$$\frac{5}{26}$$

7) What is the probability of getting an even number after rolling a single 6 - sided dice?

$$\frac{3}{6} = \frac{1}{2}$$