Basic Probability ... Set 2

Basic Probability Worksheet

Consider a fair die.

1. What is the probability of rolling a six on a fair die?

2. What is the probability of rolling an odd number on a fair die?

3. What is the probability of rolling a number larger than four on a fair die?

4. Given two fair dice, find the probability of rolling a sum of **8** on the two dice.

   To easily find the number of ways to get a sum of **8**, one should create a table as seen below.

Die 1

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						

Die 2

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5. Given a standard deck of cards, find the probability of randomly drawing an ace of hearts from the deck.

6. Find the probability of randomly selecting a queen from a standard deck of cards.

7. Find the probability of randomly selecting a club from a standard deck of cards.

8. Find the probability of randomly selecting a ten of diamonds from a standard deck of cards.