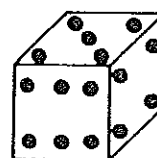
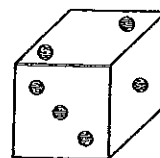


Practice

Problem Solving

Complete the sample space below to show all the possible outcomes of rolling a blue die and a black die. Then use the sample space to solve each problem. Write each probability in simplest form.

		Blue Die					
		1	2	3	4	5	6
Black Die	1	1,1	2,1	3,1	4,1		
	2	1,2	2,2	3,2			
	3	1,3					
	4	1,4					
	5						
	6						



1. What is the probability of rolling a 1 and a 3?

The probability is _____.

2. What is the probability of rolling 4's on both dice?

The probability is _____.

3. What is the probability of rolling 4,5 or 5,4?

The probability is _____.

4. What is the probability of rolling two dice that total 10?

The probability is _____.

5. What is the probability of rolling two dice that total 20?

The probability is _____.

6. What is the probability of rolling two dice that total less than 13?

The probability is _____.