Theoretical Probability

Sample Space - the possible outcome	25	
<u>Coin</u> <u>Die</u>	The integers 1 through 5 inclusive	The integers between 1 and 5
1. Find the sample space for each ex	periment.	
a) Flipping a coin three times		
b) Rolling a die twice		
S, Noming a die twice		

	C)	Rolling a d	не апо пірі	oing a coin					
2.	Find	the probab	oility of eac	ch.					
	a)	A die is rol	lled twice.	Find the pro	bability that	the sum of	the rolls is a	seven.	

me.
e tail.
e tail.

3. An integer between 1 and 50 inclusive is drawn at random. Find the probability that the integer is a multiple of 5.

4. Which has a greater probability?

$$\frac{12}{50}$$
 or $\frac{18}{74}$