Practice for Test 2, Math 125 (The test will be on Monday, April 14)

Math 125 Kovitz Spring 2025

On the test, show your work. The test will consist of 6 similar questions, each worth 18 points.

1. A fair die is rolled 10 times. What is the chance that you never get the side with four spots.

(D) 42%

(E) 84%

Find a numeric answer rounded to the nearest one percent (nearest 1%).

(C) 16%

(A) 3%

(A) 4%

(B) 8%

(C) 16%

(B) 8%

2.	Two cards are drawn at random without replacement from a standard deck of cards. (A standard deck has 13 hearts among the 52 cards.)						
	What is the exact chance that both of the cards drawn are hearts?						
	(A) 1/17 (E	B) 1/16 (C) 1/4 (D)	1/2 (E) 19/34		
3.	. A fair die is rolled six times.						
	The chance of getting the • at least once in the six rolls is:						
	(A) 17%	(B) 33.5%	(C) 40%	(D) 66.	.5% (E) 83%	
4.	. A die is rolled 12 (A) 0.379%					xes? (E) 40.19%	
5.	One hundred draws are going to be made at random with replacement from the box 4 6 6 12 .						
	Find the approximate chance of getting a sum of draws greater than 745.						
	(A) 0% (1	B) 2% (C) 7% ((D) 26%	(E) 31%)	
6.		x that has 1 re	ed marble and	4 green ma		random with repla	

(D) 20%

(E) 25%