Probability and relative frequency

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I roll a fair, 6 sided dice. Find the probability that I:					
a) roll a 4	c) roll an even number		e) roll a number more than 3		
b) roll a 6	d) don't roll a 5 or 6	6 f) roll a number under 3			
I pick a random letter from the alphabet. Find the probability that I:					
g) Pick a W	j) Pick a consona				
h) Pick a B	k) Pick a letter after S in the alphabet				
i) Pick a vowel	I) Pick a letter from the word SCHOOL				
I pick a random number from the numbers 1 to 20. Find the probability that I:					
m) Pick a multiple of 4		q) choose	a square number		
n) Pick a number which is greater than 14			r) Pick a non-triangular number		
o) Pick a number which is not a multiple of 4 or 6	· · · · · · · · · · · · · · · · · · ·		s) Pick a factor of 15		
p) Pick a prime number	t) a mult factor		le of 5 or a		
A coin is flipped 100 times, It lands on heads 40 times.					
a) What is the relative frequency of flipping a head?					
 b) It is flipped another 100 times, and it lands on 30 more heads. What is the new relative frequency? 					
 c) After a further 50 flips, it lands on tails 30 times. What is new relative frequency of getting a head? 					
A biased dice is rolled 50 times, it lands on six 15 times.					
d) What is the relative frequency of getting a six?					
e) It's rolled another 100 times, and it lands on six 25 more times. What is the new relative frequency?					
f) After another 150 rolls, it lands on six 35 times.What is new relative frequency of getting a six?					
The spinner is spun 300 and on green 80 times. a) What is the relative b) From the next 100 sp	ector, blue sector and red s times and it landed on rec frequency of the spinner l pins, two fifths landed on p ative frequency of the spin	d 124 times anding on blue green.			