

Will May	MII HW
11.1 1.) a.)	P(X=6): 5(1,6),(2,3),(3,2),(6,1) = 4/36 (1/9)
2.) a.)	80000 (O-4)
	e(x=1)= (4) (49)
	$e(x=1)=\frac{(4)(45)}{(52)}=0.2995$
	$\varphi(x=2)=\begin{pmatrix} 4 & 48 \\ 2 & 3 \end{pmatrix} = \begin{pmatrix} 0.0299 \\ 1.00299 \end{pmatrix}$
	(\$2)
	P(X=3) = (3, X40) = 0.00(7)
	(x=4)= (4) (48)
	$\frac{(x=1)=(9,1,1)}{(5^2)}$
3.) a.)	Bange: 0-2
6.)	
	P(G=1)= (7)3) -1
	(10) 7 15
P	$(6+2) = (7 \ y \ 3)$
	$\begin{pmatrix} 2 & 0 \\ 1 & 0 \end{pmatrix} = \begin{pmatrix} 1 & 1 \\ 1 & 0 \end{pmatrix}$

11.1 5.) a. ) Range 
$$(7-10, 38, -6, -4, -2, 0, 2, 4, 6, 8, 10)$$
  
b)  $p(x=-10)=0.0009777$   
 $1p(x=-8)=0.009746$   
 $p(x=-6)=0.013945$   
 $p(x=-6)=0.246094$   
 $p(x=-2)=0.205078$   
 $p(x=4)=0.117188$   
 $p(x=6)=0.009766$   
 $p(x=6)=0.00976$   
 $p(x=6)=0.00977$   
11.2 1.) a.)  $f(6)=\frac{2}{6}=\frac{8}{6}=\frac{8}{6}\cdot p(9=9)$   
 $=0.p(6=0)+1.p(6=1)+2.p(6=2)$   
 $=0.p(6=1)+2.p(6=2)$   
 $=0.p(6=1)+2.p(6=$ 



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