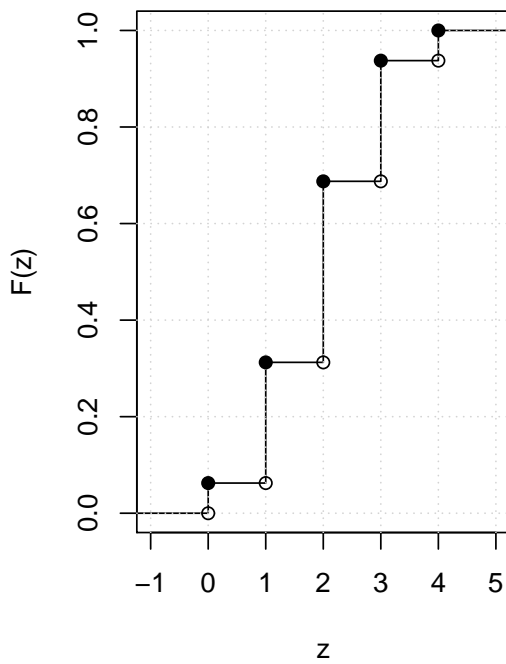


Lösungsnotizen Aufgabe 4

z	$p(Z = z)$	$p = \frac{1}{2}$		$p = \frac{1}{3}$	
		$p(Z = z)$	$p(Z \leq z)$	$p(Z = z)$	$p(Z \leq z)$
0	$(1 - p)^4$	0.0625	0.0625	0.1975	0.1975
1	$4p(1 - p)^3$	0.2500	0.3125	0.3951	0.5926
2	$6p^2(1 - p)^2$	0.3750	0.6875	0.2963	0.8889
3	$4p^3(1 - p)$	0.2500	0.9375	0.0988	0.9877
4	p^4	0.0625	1.0000	0.0123	1.0000

p=1/2



p=1/3

