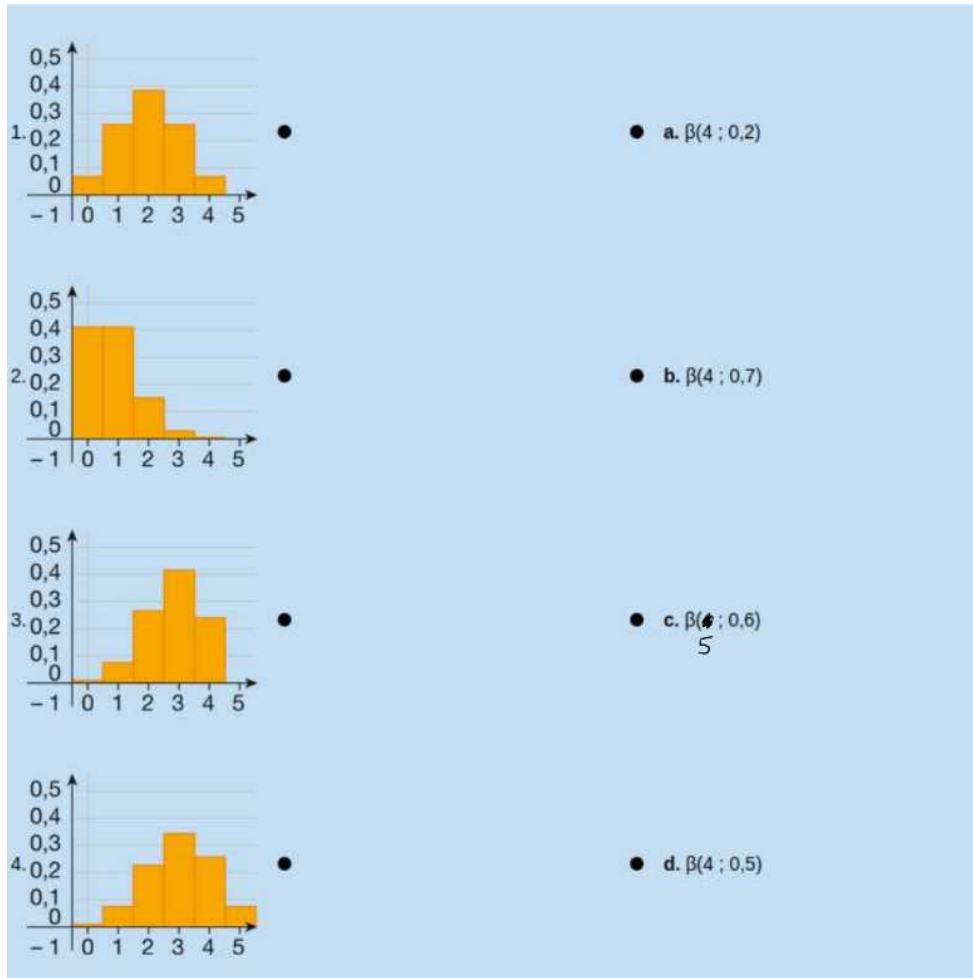


Exercice 8

Associer chacun des graphiques à sa loi binomiale.



hors programme

$$\binom{n}{k} = \frac{n!}{(n-k)! k!}$$

	0	1	2	3
0	1			
1	1	1		
2	1	2	1	
3	1	3	3	1
4	1	4	6	4
5	1	5	10	10
				5

$$\binom{5}{2} = \frac{5!}{2! 3!} = \frac{1 \times 2 \times 3 \times 4 \times 5}{1 \times 2 \times 1 \times 2 \times 3} = 10$$

$$\binom{4}{2} = \frac{4!}{2! 2!} = \frac{1 \times 2 \times 3 \times 4}{1 \times 2 \times 1 \times 2} = 6$$

