

AQA – Poisson distribution – AS Further Mathematics Statistics**1. [June/2021/Paper_7366/2S/No.2](#)**

The random variable A has a Poisson distribution with mean 2

The random variable B has a Poisson distribution with standard deviation 4

The random variables A and B are independent.

State the distribution of $A + B$

Circle your answer.

[1 mark]

Po(4)

Po(6)

Po(8)

Po(18)