

Discrete random variable and expectation – AS Further Mathematics Statistics1. [June/2022/Paper_7366/025/No.1](#)

The discrete random variable X has the following probability distribution

x	-15	18	29
$P(X = x)$	0.2	0.7	0.1

Find $P(X > 18)$

Circle your answer.

[1 mark]

0.1

0.2

0.7

0.8

(c) Find $\text{Var}(9A - 2)$

[2 marks]
