

AQA – Statistical distributions – AS Mathematics P2

1. [June/2021/Paper_7356/2/No.14](#)

The random variable T follows a binomial distribution where

$$T \sim B(16, 0.3)$$

The mean of T is denoted by μ .

(a) Find $P(T \leq \mu)$.

[2 marks]

(b) Find the variance of T .

[1 mark]