



- 1 The numbers on the faces of a fair six-sided dice are 1, 2, 2, 3, 3, 3. The random variable  $X$  is the total score when the dice is rolled twice.

(a) Draw up the probability distribution table for  $X$ . [3]

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(b) Find the value of  $\text{Var}(X)$ . [3]

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