6 A fair red spinner has 4 sides, numbered 1, 2, 3, 4. A fair blue spinner has 3 sides, numbered 1, 2, 3. When a spinner is spun, the score is the number on the side on which it lands. The spinners are spun at the same time. The random variable X denotes the score on the red spinner minus the score on the blue spinner.

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

(ii) Find Var(X). [3]

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(iii) Find the probability that X is equal to 1, given that X is non-zero. [3]

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