| | Event <i>A</i> is 'the score on the red die is divisible by 3'. | |
|------------|--|-------|
| | Event <i>B</i> is 'the sum of the two scores is at least 9'. | |
| (a) | Find $P(A \cap B)$. | [2] |
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| (b) | Hence determine whether or not the events A and B are independent. | [2] |
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Two ordinary fair dice, one red and the other blue, are thrown.

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