

A and B are mutually exclusive events.

Which one of the following statements must be correct?

Tick (✓) **one** box.

[1 mark]

$$P(A \cup B) = P(A) \times P(B)$$

☐

$$P(A \cup B) = P(A) - P(B)$$

☐

$$P(A \cap B) = 0$$

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$$P(A \cap B) = 1$$

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