

1. [-/2 Points]

DETAILS

AUFEXC4 12.4.005.

Does the compound event consist of two mutually exclusive events?

Two dice are rolled. The sum of the dice is a 7 or a 8.

Yes

No

Compute the probability of the compound event occurring.

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2. [-/1 Points]

DETAILS

AUFEXC4 12.4.007.

If $P(A) = 0.3$, $P(B) = 0.5$, and $P(A \text{ and } B) = 0.2$, find $P(A \text{ or } B)$.

$P(A \text{ or } B) =$

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3. [-/1 Points]

DETAILS

AUFEXC4 12.4.009.

If $P(A) = 0.3$, $P(B) = 0.4$, and $P(A \text{ or } B) = 0.6$, find $P(A \text{ and } B)$.

$P(A \text{ and } B) =$

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