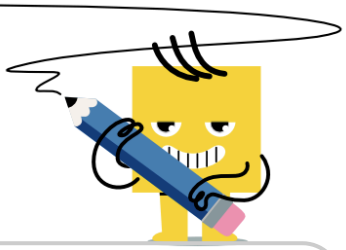
Name



Probability Union, Intersection, Complement - Name to Formula

1

Select the formula to calculate this probability operation

Complement of (A)

A $1 - P(A)$

B $\frac{P(A \cap B)}{P(B)}$

C $P(A) + P(B) - P(A \cap B)$

2

Select the formula to calculate this probability operation

(A) union (B)

A $1 - P(A)$

B $P(A) + P(B) - P(A \cap B)$

C $P(A) \cdot P(B)$

3

Select the formula to calculate this probability operation if the events are independent

(A) intersect (B)

A $P(A) \cdot P(B)$

B $P(A) + P(B) - P(A \cap B)$

4

(A) conditional on (B)

Select the formula to calculate this probability operation

A $\frac{P(A \cap B)}{P(B)}$

B $P(A) \cdot P(B)$

C $P(A) + P(B) - P(A \cap B)$