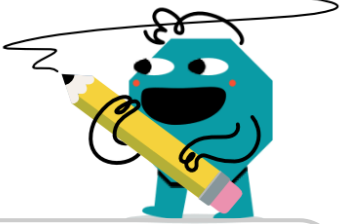
Name



Probability Union, Intersection, Complement - Name to Formula

1 Select the formula to calculate this probability operation — (A) union (B)

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

B $1-P(A)$

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

2 Select the formula to calculate this probability operation if the events are independent — (A) intersect (B)

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

B $1-P(A)$

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

3 Select the formula to calculate this probability operation — Complement of (A)

A $1-P(A)$

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