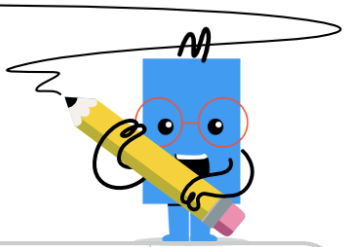
Name



Probability Union, Intersection, Complement - Description to Formula

1 Select the formula to calculate the probability operation being described if the events are independent

Both A and B happening

A $1 - P(A)$

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

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

2 Select the formula to calculate the probability operation being described

Event A not happening

A $1 - P(A)$

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

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

3 Select the formula to calculate the probability operation being described

Either A or B happening

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

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

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