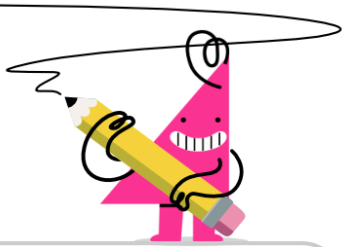
Name



Probability Union, Intersection, Complement - Letter Tiles Example Problem to Formula

1 What formula would give you the chance of drawing an 'R' at least once given two tries?

R

A $P(R_1) + P(R_2) - P(R_1 \cap R_2)$

B $\frac{P(R_1 \cap R_2)}{P(R_2)}$

C $1 - P(R_1)$

2 What formula would give you the chance of drawing an 'P' at least once given two tries?

P

A $\frac{P(P_1 \cap P_2)}{P(P_2)}$

B $1 - P(P_1)$

C $P(P_1) + P(P_2) - P(P_1 \cap P_2)$

3 What formula would give you the chance of drawing an 'F' at least once given two tries?

F

A $P(F_1) \cdot P(F_2)$

B $\frac{P(F_1 \cap F_2)}{P(F_2)}$

C $P(F_1) + P(F_2) - P(F_1 \cap F_2)$

4 What formula would give you the chance of drawing an 'O' at least once given two tries?

O

A $1 - P(O_1)$

B $P(O_1) + P(O_2) - P(O_1 \cap O_2)$

C $\frac{P(O_1 \cap O_2)}{P(O_2)}$

5 What formula would give you the chance of drawing an 'P' twice in a row?

P

A $P(P_1) + P(P_2) - P(P_1 \cap P_2)$

B $\frac{P(P_1 \cap P_2)}{P(P_2)}$

C $P(P_1) \cdot P(P_2)$

6 What formula would give you the chance of drawing an 'K' at least once given two tries?

K

A $\frac{P(K_1 \cap K_2)}{P(K_2)}$

B $P(K_1) + P(K_2) - P(K_1 \cap K_2)$

C $P(K_1) \cdot P(K_2)$

7 What formula would give you the chance of drawing an 'Q' at least once given two tries?

Q

A $\frac{P(Q_1 \cap Q_2)}{P(Q_2)}$

B $P(Q_1) + P(Q_2) - P(Q_1 \cap Q_2)$

C $P(Q_1) \cdot P(Q_2)$

8 What formula would give you the chance of drawing an 'H' twice in a row?

H

A $\frac{P(H_1 \cap H_2)}{P(H_2)}$

B $P(H_1) \cdot P(H_2)$

C $P(H_1) + P(H_2) - P(H_1 \cap H_2)$