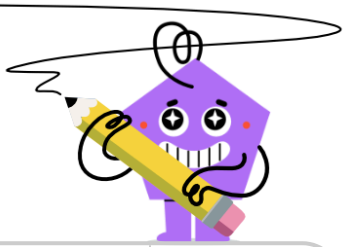
Name



Probability Union, Intersection, Complement - Letter Tiles Example Problem to Set Operation

1 What set operation would give you the probability of not drawing an 'S'?

S

A $P(S')$

B $P(S \cap S)$

C $P(S|S)$

2 What set operation would give you the probability of drawing an 'U' twice in a row?

U

A $P(U_1|U_2)$

B $P(U_1 \cap U_2)$

C $P(U_1 \cup U_2)$

3 What set operation would give you the probability of drawing an 'K' twice in a row?

K

A $P(K_1|K_2)$

B $P(K_1')$

C $P(K_1 \cap K_2)$

4 What set operation would give you the probability of not drawing an 'O'?

O

A $P(O')$

B $P(O|O)$

C $P(O \cap O)$

5

O

What set operation would give you the probability of drawing an 'O' twice in a row?

A $P(O_1')$

B $P(O_1 \cap O_2)$

6 What set operation would give you the probability of drawing an 'Q' twice in a row?

Q

A $P(Q_1')$

B $P(Q_1 \cup Q_2)$

C $P(Q_1 \cap Q_2)$

7

J

What set operation would give you the probability of drawing an 'J' at least once given two tries?

A $P(J_1')$

B $P(J_1 \cup J_2)$

8 What set operation would give you the probability of drawing an 'K' at least once given two tries?

K

A $P(K_1|K_2)$

B $P(K_1 \cap K_2)$

C $P(K_1 \cup K_2)$