Name

Probability Union, Intersection, Complement - Coins Example Problem to Name

1 What set operation would give you the probability of flipping tails twice in a row?

A T_1 union T_2

B T_1 intersect T_2

C T_1 conditional on T_2

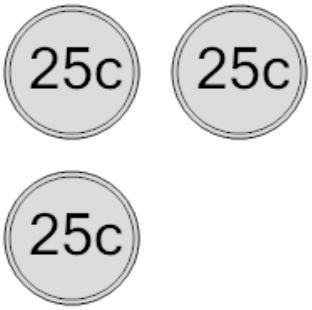
2 What set operation would give you the probability of flipping heads twice in a row?

A H_1 union H_2

B H_1 intersect H_2

C H_1 conditional on H_2

3 What set operation would give you the probability of flipping at least one heads in 3 tries?



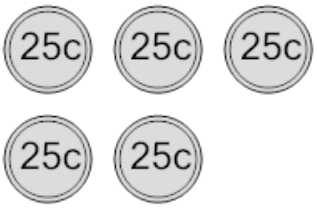
A (All Tails) union (All Tails)

B (All Tails) conditional on (All Tails)

C Complement of (All Tails)

D (All Tails) intersect (All Tails)

4 What set operation would give you the probability of flipping at least one heads in 5 tries?



A (All Tails) union (All Tails)

B Complement of (All Tails)

C (All Tails) conditional on (All Tails)

D (All Tails) intersect (All Tails)

5 What set operation would give you the probability of flipping tails at least once given two tries?

A T_1 union T_2

B Complement of T_1

6 What set operation would give you the probability of flipping at least one heads in 2 tries?

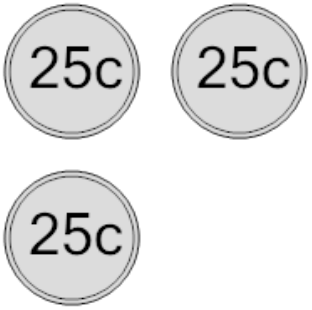
A (All Tails) union (All Tails)

B (All Tails) conditional on (All Tails)

C Complement of (All Tails)

D (All Tails) intersect (All Tails)

7 What set operation would give you the probability of flipping at least one tails in 3 tries?



A (All Heads) conditional on (All Heads)

B (All Heads) intersect (All Heads)

C (All Heads) union (All Heads)

D Complement of (All Heads)

8 What set operation would give you the probability of flipping at least one tails in 2 tries?

A (All Heads) intersect (All Heads)

B (All Heads) conditional on (All Heads)

C Complement of (All Heads)

D (All Heads) union (All Heads)