


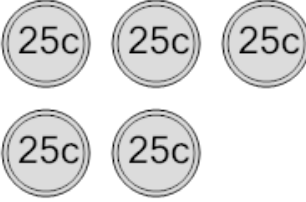

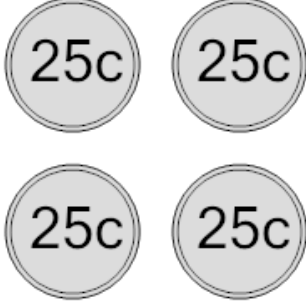
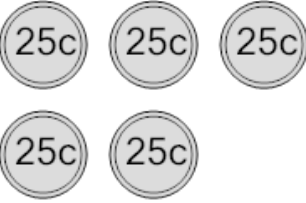
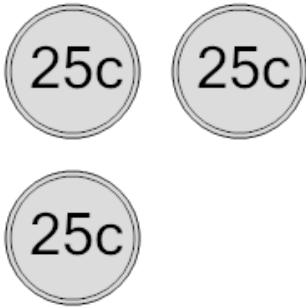




## Probability Union, Intersection, Complement - Coins Example Problem to

### Set Operation

<p>1 What set operation would give you the probability of flipping tails twice in a row?</p> 	<p>A <math>P(T_1 \cap T_2)</math></p> <p>B <math>P(T_1')</math></p> <p>C <math>P(T_1 \cup T_2)</math></p>	<p>2 What set operation would give you the probability of flipping heads twice in a row?</p> 	<p>A <math>P(H_1 \cup H_2)</math></p> <p>B <math>P(H_1 \cap H_2)</math></p> <p>C <math>P(H_1')</math></p>
<p>3 What set operation would give you the probability of flipping at least one tails in 2 tries?</p> 	<p>A <math>P(\text{All Heads} \cup \text{All Heads})</math></p> <p>B <math>P(\text{All Heads} \cap \text{All Heads})</math></p> <p>C <math>P(\text{All Heads}')</math></p>	<p>4 What set operation would give you the probability of flipping at least one tails in 5 tries?</p> 	<p>A <math>P(\text{All Heads}   \text{All Heads})</math></p> <p>B <math>P(\text{All Heads} \cap \text{All Heads})</math></p> <p>C <math>P(\text{All Heads}')</math></p>
<p>5 What set operation would give you the probability of flipping at least one heads in 2 tries?</p> 	<p>A <math>P(\text{All Tails}   \text{All Tails})</math></p> <p>B <math>P(\text{All Tails}')</math></p> <p>C <math>P(\text{All Tails} \cap \text{All Tails})</math></p>	<p>6 What set operation would give you the probability of flipping at least one heads in 4 tries?</p> 	<p>A <math>P(\text{All Tails}')</math></p> <p>B <math>P(\text{All Tails}   \text{All Tails})</math></p> <p>C <math>P(\text{All Tails} \cap \text{All Tails})</math></p>
<p>7 What set operation would give you the probability of flipping at least one heads in 5 tries?</p> 	<p>A <math>P(\text{All Tails} \cup \text{All Tails})</math></p> <p>B <math>P(\text{All Tails}   \text{All Tails})</math></p> <p>C <math>P(\text{All Tails}')</math></p>	<p>8 What set operation would give you the probability of flipping at least one tails in 3 tries?</p> 	<p>A <math>P(\text{All Heads} \cap \text{All Heads})</math></p> <p>B <math>P(\text{All Heads}')</math></p> <p>C <math>P(\text{All Heads} \cup \text{All Heads})</math></p>