

## mobius

## Probability Union, Intersection, Complement - Name to Set Operation



| 1 | Select the probability set operation notation | $\stackrel{A}{P}(A \cup B)$        | $\overset{\scriptscriptstyle{B}}{P}(A^{'})$ | 2               | Select the pr | probability set operation notation |            |  |
|---|---|------------------------------------|---|-----------------|---------------|------------------------------------|------------|--|
|   |   | $\stackrel{	extsf{c}}{P(A\cap B)}$ |   | Complement of A |               |                                    |            |  |
|   | A union B                                     |                                    |   | Α               | $P(A \cup B)$ | В                                  | $P(A^{'})$ |  |
|   |   |                                    |   | С               | $P(A\cap B)$  |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
| 3 | Select the probability set operation notation |                                    |   |                 |               |                                    |            |  |
|   | A interse                                     | ect B                              |   |                 |               |                                    |            |  |
| Α | P(A B)  | B P(A                              | ∪ B)  |                 |               |                                    |            |  |
| С | $P(A\cap B)$                                  |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |
|   |   |                                    |   |                 |               |                                    |            |  |