

<i>Probability that either A occurs or B does not occur or both</i>	$P(B A)$	$P(A')$	<i>Probability that neither A nor B occurs</i>
$P(A' \cup B')$	<i>Probability that A occurs given that B does not occur</i>	$P(A \cap B)$	$P(B' A')$
<i>Probability that B does not occur given that A does not occur</i>	Finish	$P(A \cup B)$	<i>Probability that either A does not occur or B does not occur or neither occurs</i>
$P(A B)$	<i>Probability A does not happen</i>	$P(A B')$	<i>Probability that A occurs given that B occurs</i>
<i>Probability that B occurs given that A occurs</i>	<i>Probability that either A or B or both happen</i>	$P(A' \cap B)$	<i>Probability both A and B happen</i>
$P(A' \cap B')$	<i>Probability that B occurs and A does not occur</i>	Start	$P(A \cup B')$