Generalidades de probabilidad:

1.

	1	2	3	4	5	6
1	X	X	X			X
2	X	X	X			✓
3	X		X			X
4	X			X		✓
5	X				X	
6	X		X			

$P(A^c) = 1 - P(A) = \dfrac{11}{12}$

a) $P(A) = \dfrac{3}{36} = \dfrac{1}{12}$

$P(B) = \dfrac{18}{36} = \dfrac{1}{2}$

$P(A \cup B) = P(A) + P(B) - P(A \cap B)$

$P(A \cup B) = \dfrac{1}{12} + \dfrac{1}{2} - \dfrac{2}{36}$

$P(A \cup B) = \dfrac{3}{36} + \dfrac{18}{36} - \dfrac{2}{36} = \dfrac{19}{36}$

3.

$D = 0.6$
$C = 0.8$
$D \cap C = 0.5$
$N = 0.1$

a) $P(D \cup C) = 0.6 + 0.8 - 0.5 = 0.9$

b) $P(D \cup C - D \cap C) = 0.6 + 0.8 - 1 = 0.4$