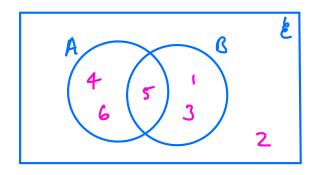
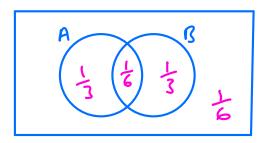
Conditional Probability



$$P(R) = \frac{3}{6} = \frac{1}{2}$$
 $P(R) = \frac{3}{6} = \frac{1}{2}$

$$P(A \setminus B) = \frac{P(A \cap B)}{P(B)} = \frac{1}{6} = \frac{1}{6} \times \frac{6}{3} = \frac{1}{3}$$

Alternative Diagram



Interesting Results

$$(A \cup B)'$$





