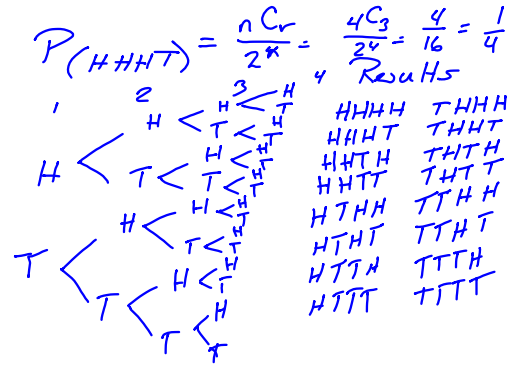


6.7 Binomial Experiments
with $P = \frac{1}{2}$

- Binomial Experiment
- An experiment that has exactly 2 outcomes possible
 - $P = \frac{1}{2}$ each outcome is equally likely



$$P_{(3 \text{ out of } 7)} = \frac{7C_3}{2^7} = \frac{35}{128}$$

$$P(E) = \frac{nCr}{2^n}$$