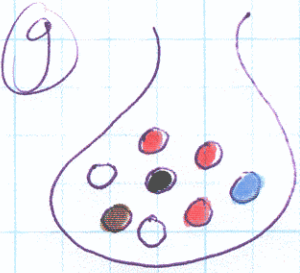


# 4-4 Probability page 2

Ⓒ  $\frac{10 \text{ men}}{17 \text{ total}}$  Probability of  $\frac{10}{17}$   $P(\text{male}) = \frac{10}{17}$

Ⓕ  $\frac{7}{4900} = \frac{1}{700}$   $P(\text{win}) = \frac{1}{700}$



$\frac{1 \text{ blue}}{8 \text{ total}} = \frac{1}{8}$   $P(\text{blue}) = \frac{1}{8}$        $\frac{3 \text{ red}}{8 \text{ total}} = \frac{3}{8}$   $P(\text{Red}) = \frac{3}{8}$

$\frac{2 \text{ white}}{8 \text{ total}} = \frac{1}{4}$   $P(\text{white}) = \frac{1}{4}$        $\frac{2 \text{ white} + 3 \text{ red}}{8 \text{ total}} = \frac{5}{8}$   $P(\text{white or Red}) = \frac{5}{8}$

Ⓕ  $\frac{\text{red}}{\text{total}} = \frac{1}{10}$   $P(\text{Red}) = \frac{1}{10}$        $P(\text{white}) = \frac{9}{10}$

$\frac{\text{blue}}{\text{Total}} = \frac{0}{10}$   $P(\text{blue}) = 0$

Ⓖ varies.