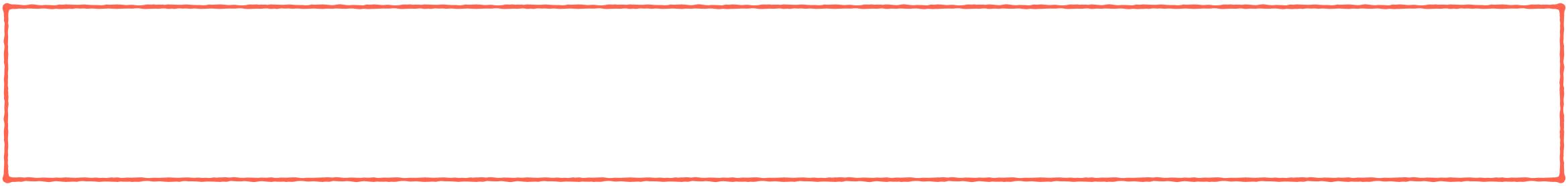


#### Complement Rule

### probability rules



# exercise 4

# probability rules

#### Complement Rule

If A be an event in the sample space  $\Omega$ , then the probability of its complement is given by

$$P(\overline{A}) = 1 - P(A)$$

#### exercise 4

What is the probability of at least one head (H) in four tosses of a coin?

# probability rules

Rule of Total Probability

{events collectively exhaustive}

{mutually exclusive}