

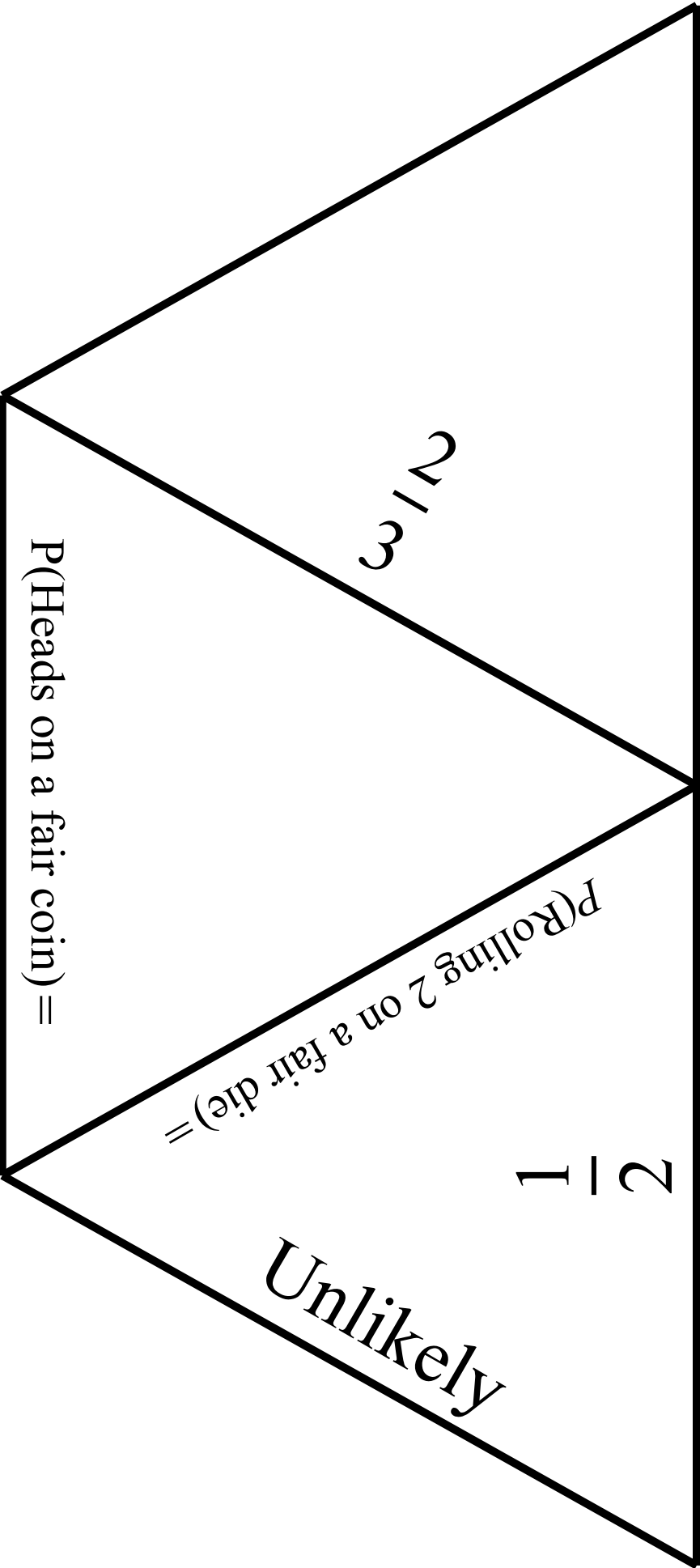
$$\frac{5}{16}$$

5 red marbles and 11 black marbles in a bag  
P(Picking a white marble) =

$$\frac{52}{13} \text{ or } \frac{4}{1}$$

P(Picking a picture card from a shuffled pack of cards) =  
= P(Picking a black ace from a shuffled pack of cards) =

$$\frac{1}{52}$$



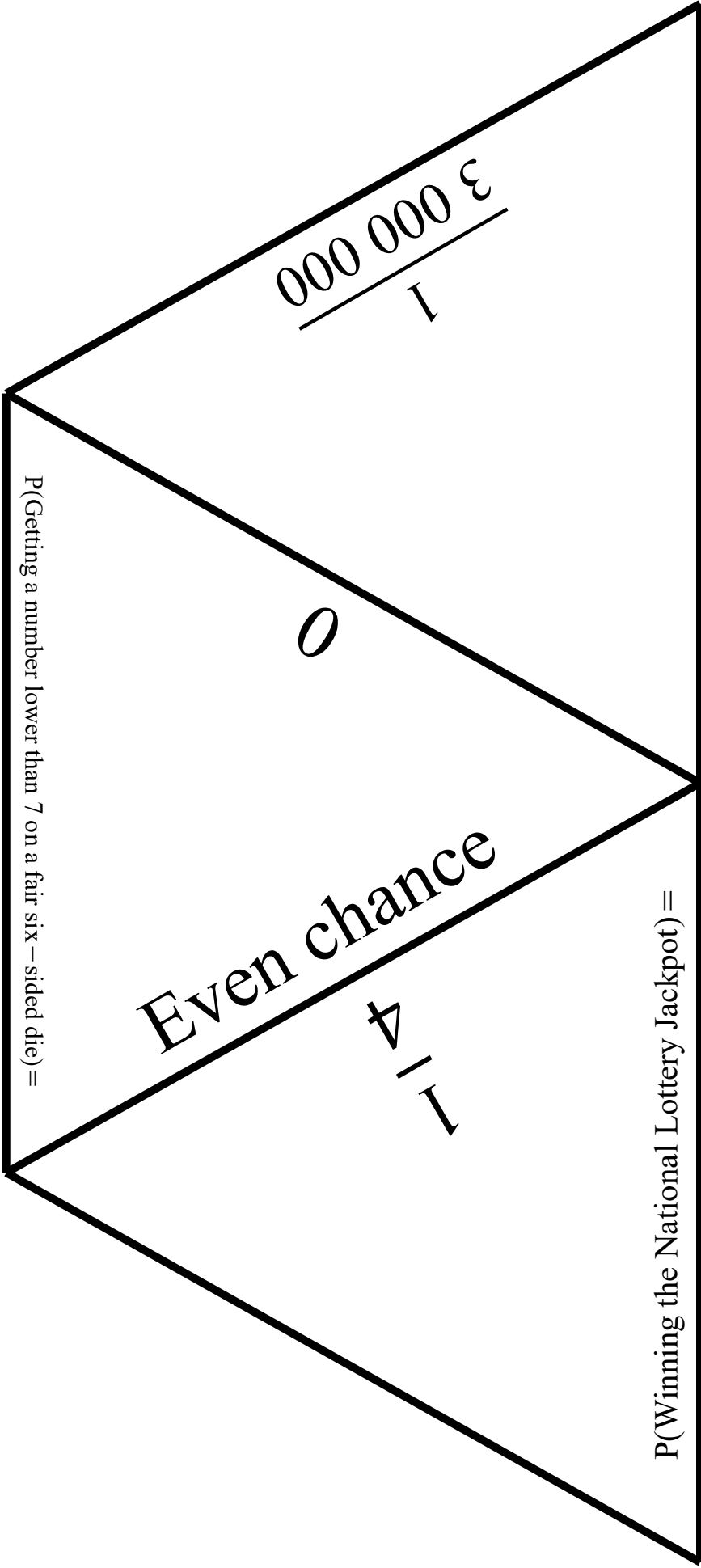
$\frac{2}{3}$

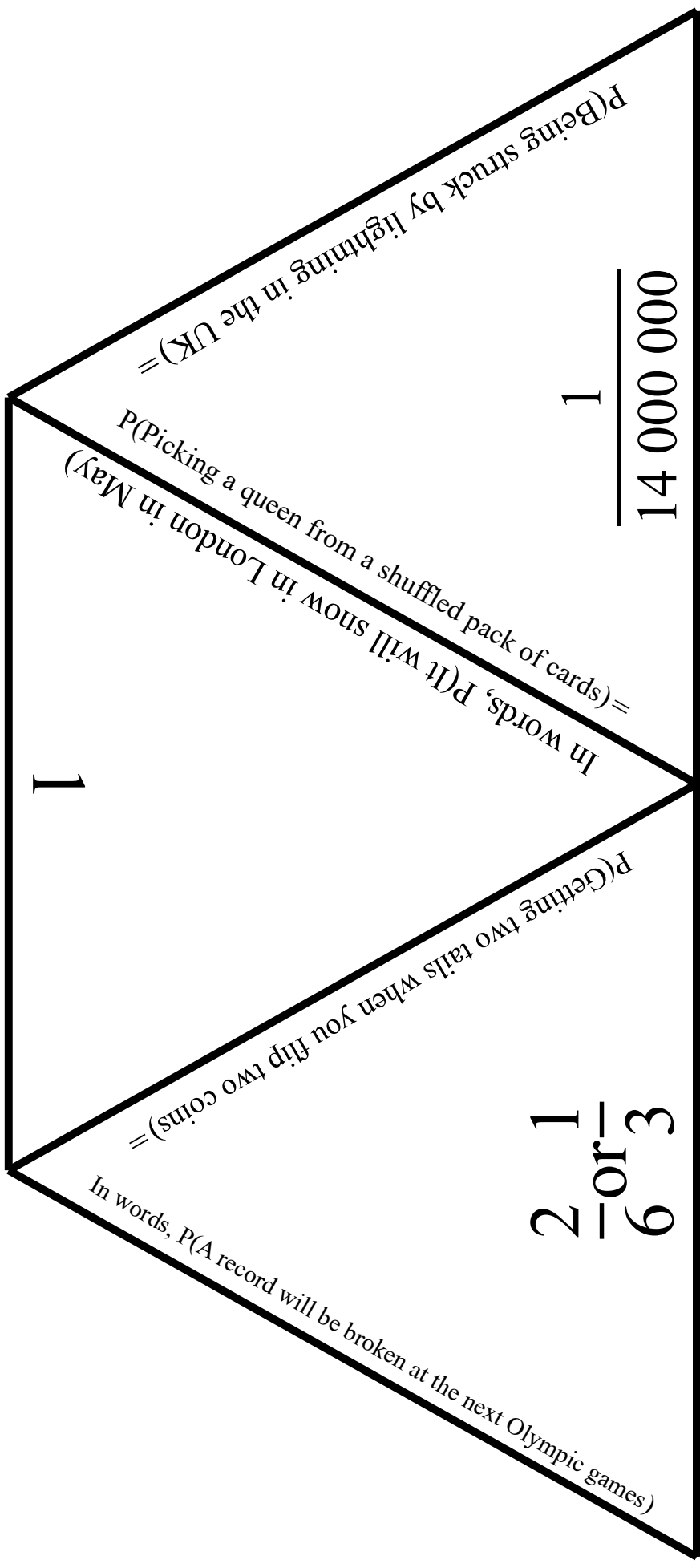
$P(\text{Rolling } 2 \text{ on a fair die}) =$

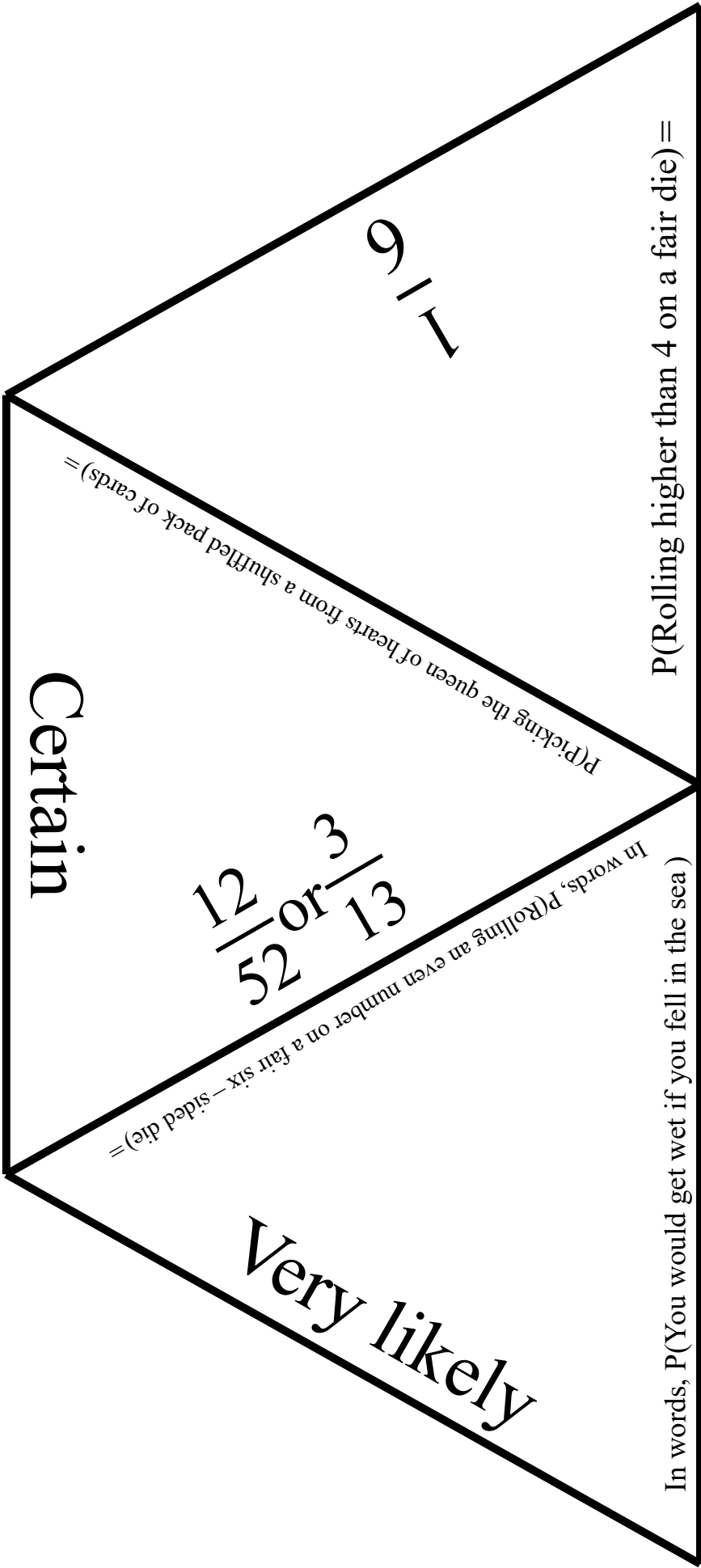
$\frac{1}{2}$

*Unlikely*

$P(\text{Heads on a fair coin}) =$







Certain

P(Picking the queen of hearts from a shuffled pack of cards) =

$$\frac{12}{52} \text{ or } \frac{3}{13}$$

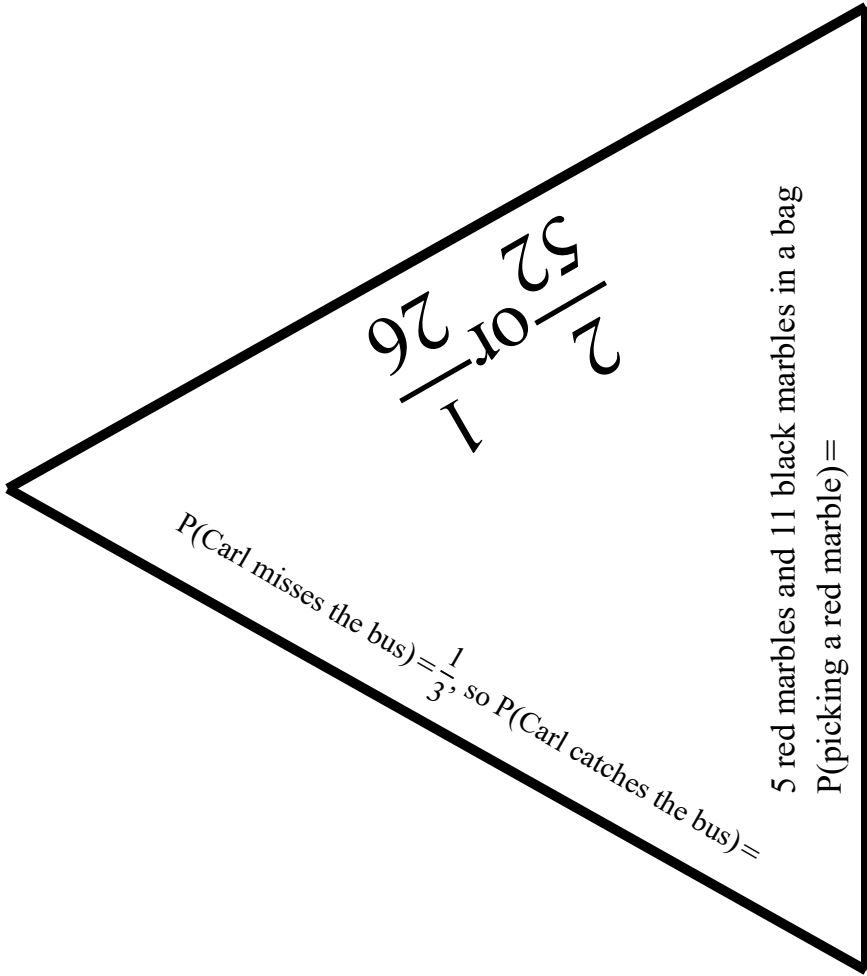
In words, P(Rolling an even number on a fair six-sided die) =

Very likely

In words, P(You would get wet if you fell in the sea )

P(Rolling higher than 4 on a fair die) =

$$\frac{1}{6}$$



5 red marbles and 11 black marbles in a bag  
P(picking a red marble) =

P(Carl misses the bus) =  $\frac{1}{3}$ , so P(Carl catches the bus) =

$$\frac{2}{26}$$

or

$$\frac{1}{13}$$