



Probability Flip - set samples - paper 1

1. Richard has a bag with 7 silver sweets, 2 gold sweets and 7 bronze sweets. If one sweet is chosen at random, what is the probability it is NOT bronze?

ans _____

2. Sofia has 11 teal tokens, 9 coral tokens, 8 navy tokens and 6 cream tokens which she places in a bag. When she draws one token out, what is the probability that the token is NOT teal?

ans _____

3. Sema puts 9 teal counters, 7 coral counters, 8 navy counters and 12 cream counters into a bag and picks one at random. What is the probability that the counter picked is NOT teal?

ans _____



Probability Flip - set samples - Answers

1. Total sweets = $7 + 2 + 7 = 16$
Bronze sweets = 7
NOT bronze = $16 - 7 = 9$
 $P(\text{NOT bronze}) = 9/16$
Answer: $9/16$
2. Total tokens = $11 + 9 + 8 + 6 = 34$
Teal tokens = 11
NOT teal = $34 - 11 = 23$
 $P(\text{NOT teal}) = 23/34$
Answer: $23/34$
3. Total counters = $9 + 7 + 8 + 12 = 36$
Teal counters = 9
NOT teal = $36 - 9 = 27$
 $P(\text{NOT teal}) = 27/36 = 3/4$
Answer: $3/4$