

EXPLANATION

The first part of the question asks for the number of ways to choose 3 people from a group of 10. This is a combination problem, and the number of ways to choose 3 people from 10 is given by the binomial coefficient $\binom{10}{3}$.

The second part of the question asks for the number of ways to choose 3 people from a group of 10, where one of the people is a specific person. This is a combination problem, and the number of ways to choose 3 people from 10, where one of the people is a specific person, is given by the binomial coefficient $\binom{9}{2}$.

ANSWER

The number of ways to choose 3 people from a group of 10 is $\binom{10}{3} = 120$.

The number of ways to choose 3 people from a group of 10, where one of the people is a specific person, is $\binom{9}{2} = 36$.

KINGSTON



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1000
1000