

THE KARATE CREEP

Some people study martial arts for self-defense. For others, it is a good source of exercise. Many people find that it helps them build confidence and mental focus. Then there are those that get into it for all the wrong reasons... meet the Karate Creep!

The Karate Creep is trying to intimidate some little kids by spinning nunchuks around. These are two sticks connected by a short chain. Showing off with them is a great way to injure yourself, which the Karate Creep does, repeatedly. He hits himself about $\frac{1}{4}$ of the time that he spins them around. How many times can he spin them around before he gets 12 nasty bruises and gives up?

The Karate Creep decides that he will show how "badass" he is with a classic karate move. He decides to break some boards! He shows everyone a board that is $\frac{1}{4}$ of an inch thick. Then he switches it out for one that is only $\frac{1}{4}$ as thick as the original board. What thickness of board did he end up using?

It is all about winning to the Karate Creep. He has found that the best way to win a tournament is to be the only contestant! In the latest tournament 20 other people signed up. The top 3 contestants will win a trophy! The Karate Creep calls them all the day before and tells them that the tournament has been postponed. Unfortunately, $\frac{2}{5}$ of the contestants fall for this trick! He then plays another trick and locks $\frac{5}{6}$ of the remaining contestants in the locker room so they can't compete! How many people will he have to face in the tournament? Do you think he will win a trophy?

In martial arts, training is everything. That's why the Karate Creep schedules 13 and $\frac{1}{2}$ hours of time per week to play fighting video games. He makes sure that each session is 1 and $\frac{1}{2}$ hours long so as not to get too tired. How many training sessions does the Karate Creep do each week?

