Answer on question 39557 – Math – Probability

What is the probability of a family who has 4 cars having a crash during a year when the random car crash is 0.0451

Solution

The probability that one car crash is 0.0451. The family has 4 cars. Using the sum rule for probability we get

P(4)=4*0.0451=0.1804.

Answer: 0.1804.