

END

A number is selected randomly from a container containing all the integers from 10 to 50. Find $P(\text{even}|\text{greater than } 40)$

The probability that Sue will go to Mexico in the winter and to France in the summer is 0.40. The probability that she will go to Mexico in the winter is 0.60. Find the probability that she will go to France this summer, given that she just returned from her winter vacation in Mexico.

Match this box

A number is selected, at random, from the first 25 counting numbers. Find: $P(\text{prime}|\text{odd})$

A box contains three blue marbles, five red marbles, and four white marbles. If one marble is drawn at random, find $P(\text{blue}|\text{not white})$

The probability that Janice smokes is $3/10$. The probability that she smokes and develops lung cancer is $4/15$. Find the probability that Janice develops lung cancer, given that she smokes.

A 20-sided number cube is tossed. Find $P(\text{less than } 5|\text{even})$.

A family that is known to have two children is selected at random from amongst all families with two children. Find the probability that both children are boys, given that there is a boy in this family.

Andrea is a very good student. The probability that she studies and passes her mathematics test is $17/20$. If the probability that Andrea studies is $15/16$, find the probability that Andrea passes her mathematics test, given that she has studied.

Match this box

1/2 Turnover Cards	2/3 Turnover Cards	START Turnover Cards
2/5 Turnover Cards	1/3 Turnover Cards	68/75 Turnover Cards
8/13 Turnover Cards	3/8 Turnover Cards	8/9 Turnover Cards