



4. From a pack of 40 colored pencils I am going to randomly pick 5. Out of the 40 pencils, 10 are red, 5 are blue, 8 are green and the rest are yellow.

(a) How many ways can I pick 5 pencils from the 40?

(b) How many ways can I pick 5 yellow pencils?

(c) What is the probability that all of the pencils I pick are yellow?