Problem of the Week
Problem B
Gone Fishing...

Adam and Malene went fishing for three days and caught a lot of fish in Lake Wabanonka. Adam caught 9 pike and 5 lake trout. Malene caught 7 pike and 3 lake trout.

Assume that their total catch is representative of the populations of pike and lake trout in the lake.

a) What is the theoretical probability that the next fish they catch is a pike?

b) What is the theoretical probability that Malene will catch the next fish?

c) If they kept fishing and caught 75 fish, how many of these fish could they expect to be pike?

Strand  Data Management and Probability