Name:			

You select eight cards in sequence from a standard deck, replacing the selected card and shuffling after each selection. What is the probability that you selected three or four hearts?

Binomial experiment

$$h=8$$

 $p=P(a card is a heart) = \frac{1}{4} = 0.25$
 $q=1-p=0.7s$
 $\chi=\# of hearts selected$
 $\chi=\# of hearts$
 $\chi=\# of hearts$