

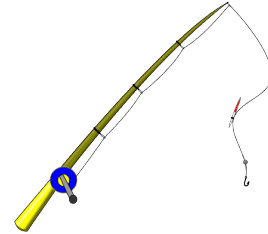


Problem of the Week

Problem B

Something's Fishy Here

Nawal went to a cottage on Otter Lake and went fishing every day in their favourite spot. After seven days, their catch included 18 bass, 5 pike, 13 bluegill, 2 perch, and 1 trout.



- (a) Based on that week's fishing, what is the *experimental* probability (as a fraction in lowest terms) that the next fish Nawal catches is a bluegill? What is the experimental probability that the next fish Nawal catches is a trout?
- (b) Suppose Nawal went fishing for another seven days in the same spot. What are some things you could predict about their catch, based on their previous experience?
- (c) If Nawal went fishing in a new spot recommended by a friend, what could you predict about their catch in this spot, based on their previous experience?