Quiz for Problems \#3, Math 204, Dr. Bohner.
Sep 15, 2003.
A tank has ten gallons of water in which two pounds of salt has been dissolved. Brine with 1.5 pound of salt per gallon enters at three gallons per minute, and the well-stirred mixture is drained out at a rate of 3 gallons per minute. Find the amount of salt in the tank at any time.

