Quiz 2

Name:_____

1. Find the antiderivatives:
   $f(x) = 3x^5 - 2e^3x,$ $F(x) =$

   $h(t) = 5(3t - 2)^5,$ $H(t) =$

2. A small company produces chairs. On the average one of its staff makes 2 chairs/hour. If from 8:00AM to 10:00AM three of the staff are working on making chairs and form 10:00AM to 1:00PM five of the are making chairs then

   (a) Graph the number of staff working as a function of time:

   (b) Graph the number of chairs made as a function of time:

   (c) Give a formula for the number of chairs made as a function of time.