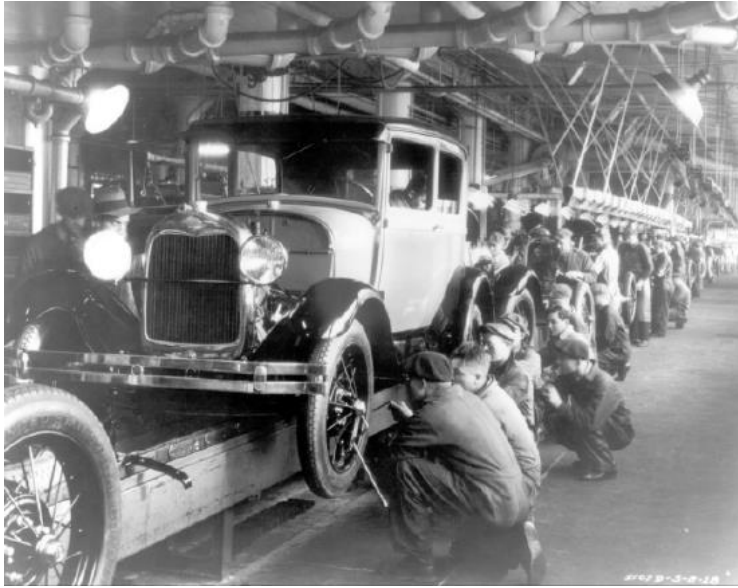


Warm-Up: Assembly Line Production



In 1913, it took fourteen hours to build a Ford car. By 1914, a car could be produced in 93 minutes, and by 1925, a new car was being produced every ten seconds. Ford did this by reducing every job to the easiest form possible so that anyone could be trained to do it. If you worked in the Highland

Park, Michigan, factory your job might be to tighten one bolt or drill one hole on each car, over and over again. The idea of **assembly line production** had been around for a while, but Ford had an idea to speed things up. He put the assembly line onto a **conveyor belt** and made it move. Workers stayed in one place as their step in production came to them.

1. According to the photo, how many cars are being worked on at once?
2. How was Ford able to decrease the amount of time needed to manufacture a car?
3. What impact do you think this will have on the cost of a Ford automobile?
4. What *innovation* or original idea did Ford use to improve assembly line production (shown in the photo)?