BTC Automotive Technology
Job Sheet: SPH – Time Clock

Objective: To become familiar with normal business type calculations.

Procedure: Answer questions below

- How many minutes are in a tenth of an hour? _________________
- If a job pays .4 of an hour, how many minutes is this? __________
- If a job pays 1.5 hours to replace a water pump, how long is this in minutes?
- If replacing a fuel injector pays 2.7 hours, but it takes a flat rate technician 3.3 hours to replace it, how long in minutes was the technician working for free? _________________
- What is 4:45 pm on a 24-hour time clock that reads in tenths? __________
- A front brake job pays 1.4 hours to replace front pads, .8 hour to resurface rotors and an additional .5 to repack the wheel bearings. The technician starts the job at 2:55 and finishes at 5:05. Did the tech beat the flat rate?__________ If no, how close?_________ If yes, by how much?________
- A technician begins a water pump replacement on a vehicle at 8:00. The tech finishes the job at 11:30 but takes an 18-minute break (does not count against flat rate) in between. The job pays 1.0 hour plus .6 add for AC (which the car has). What was the tech productivity on this job? __________
- Your shop charges $60.00 per flat rate hour. The shop charges $100 for a fuel injection service. A fuel injection service pays 1.5 hrs to a technician making $20.00 per hr flat rate. The cost of the chemical is $40.00. What is the base gross profit on this service? ___________________________