

Name: _____

Date: _____

HOMEWORK 7

1. Hosting a birthday party at Wards Berry Farm in October requires a \$400 deposit which pays for 20 people. The host is charged \$20 for each additional guest. What is the cost of hosting a birthday party for 26 people in October?

2. Hosting a birthday party at Wards Berry Farm in June is less expensive and requires only a \$300 deposit which pays for 20 people. The host is charged \$15 for each additional guest. How much money will someone save by hosting a birthday party for 26 people in June instead of October?

3. Zack earns money by raking the leaves in the fall and shoveling snow in the winter. Last year, Zack charged \$8 per yard and raked 13 yards. He charged \$12 per driveway and shoveled 14 driveways. How much money did he earn, in total?

4. On the pirate ship there are 24 pirate swords. Each pirate has 2 swords.

If half the pirates lost a sword in battle and a quarter of the pirates each gained a new sword, how many swords would there now be on the pirate ship?