

AMI DAY 4 Name: _____ Date: _____

Directions: Do Each problem and show all work.

1. Jackson worked 25 hours and received \$225. At the same rate of pay, how much would he make if he worked 40 hours?
 - a. \$300
 - b. \$325
 - c. \$350
 - d. \$360
 - e. \$400

2. What is the missing number in the sequence 1, 5, 10, 16, 23, 31, ____ ?
 - a. 37
 - b. 38
 - c. 39
 - d. 40
 - e. 41

3. If $x = 6$ and $y = -2$, what is the value of $3xy + 2x^2 - y^3$?
 - a. 44
 - b. 48
 - c. 50
 - d. 52
 - e. 56

4. Noreen recently took a job helping people register to vote. The job has a mandatory 10-day period of probation during which her success rate is strictly monitored. On her first day, she registered 30 people. Then, for each of the next 9 days, she registered 4 more people than she did on the previous day. How many people did she register altogether during her probationary period?
 - a. 300
 - b. 340
 - c. 480
 - d. 560
 - e. 600

5. Tiffany's three bowling scores in a tournament were 167, 178, and 186. What was her average score for the tournament?
 - a. 176
 - b. 177
 - c. 178
 - d. 179
 - e. 180