**Patterning and Algebra**

**Unit 1 Line Master 1**

 Writing and Interpreting Expressions

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| **Description or Pattern** | **Expression** |
| The number of squares interm *n* |  |
| 5 more than the product of a number and 4.5 |  |
| The sum of 3 times a number and 1.5 times the same number |  |
| Triple the sum of 7.5 and a number |  |
| A number divided by 2, then increased by 20 |  |
|  | 2.5*n* + 32 |
|  | 16 – 12*x*  |
| A gardener plants *n* rows of beans and *n* rows of carrots. Each row of beans has 8 plants.Each row of carrots has 12 plants. How many plants are there in all? |  |