Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_ Score:\_\_\_\_\_

U12 HW #1*Squares and Squares*

1. List the first 20 perfect square numbers.
2. What is the side length of a square with an area of 9 units2? A=s2

Draw a picture and show the expression you use to solve.

1. What is the area of a square with a side length of 2 units? A=s2

Draw a picture and show the expression you use to solve.

1. Complete the following table.

Show work below.

|  |  |
| --- | --- |
| Area  (square units) | Length of Side  (units) |
| 4 |  |
|  | 10 |
| 2 |  |
|  |  |
|  |  |
|  | 1 |
|  | *s* |
| *A* |  |

1. **Simplify the following. Show ALL work and box final answer:**

**a. b. c.**

**d. e. f.**

**g.**  **h.**  **i.**

**j. k. l. .**