

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Air Pressure Worksheet

In Denver, CO, the Earth's atmosphere has a force of about 12 pounds per square inch (psi). Complete the table below to determine how many pounds of force are on a given square.

<b>Square Dimensions (inches)</b>	<b>Area (inches<sup>2</sup>)</b>	<b>Force (pounds)</b>
1x1	1	12
2x2	4	48
3x3	9	108
4x4	16	192
5x5	25	300
6x6	36	432
7x7	49	588
8x8	64	768
9x9	81	972
10x10	100	1200