$\qquad$
$\qquad$

## 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.

| Square Dimensions <br> (inches) | Area (inches ${ }^{2}$ ) | Force (pounds) |
| :---: | :---: | :---: |
| $1 \times 1$ | 1 | 12 |
| $2 \times 2$ |  |  |
| $3 \times 3$ |  |  |
| $4 \times 4$ |  |  |
| $5 \times 5$ |  |  |
| $6 \times 6$ |  |  |
| $7 \times 7$ |  |  |
| $8 \times 8$ |  |  |
| $9 \times 9$ |  |  |
| $10 \times 10$ |  |  |

