Algebra I Quiz #2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Use the percent Formula** $\frac{is}{of}=\frac{\%}{100}$ **to solve the following.**

1. 36 out of 45 is what\_\_\_\_%

**Change the following mixed fractions to improper fractions.**

2. $3\frac{1}{8}=$

**Use the exponent laws.**

3. $ 528^{0}=$

**Complete the domain-range table, and graph the line.**

|  |  |  |
| --- | --- | --- |
| ***x*** | $$y= 4x-2$$ | ***y*** |
| –2 |  |  |
| –1 |  |  |
| 0 |  |  |
| 1 |  |  |
| 2 |  |  |

4.

**Complete the following Diamond Problem.**

5.

7

14

8.