$\qquad$

| Definitions - use definitions from NOTES!!! |  |
| :--- | :--- |
| Square of a <br> number |  |
| Integers |  |
| Set |  |
| Opposite |  |
| Absolute |  |
| Value |  |
| Rational <br> Number |  |
| Reciprocal |  |
| Ratio |  |
| Rate |  |
| Unit Rate |  |
| Proportional |  |
| \& Non- |  |
| proportional |  |$\quad$


| Writing Equations Key Words - must have at least 3 terms for each symbol |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| + | - | $\div$ | x | $=$ | < | > | $\leq$ | $\geq$ |
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NAME:
Period: $\qquad$ Date: $\qquad$
Rules
Integers

| Addition | Subtraction | Multiplication | Division |
| :--- | :--- | :--- | :--- |
| Same Signs: | 1. | Same Signs: | Same Signs: |
| Different Signs: | 2. |  |  |
|  | 3. | Different Signs: | Different Signs: |
|  | 4. |  |  |

Fractions

| Addition | Subtraction | Multiplication | Division |
| :--- | :--- | :--- | :--- |
|  |  | 1. | 1. |
|  |  | 2. | 2. |

Decimals

| Addition | Subtraction | Multiplication | Division |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
|  |  |  |  |

Order of Operations

| P |
| :--- |
| E |
| M |
| D |
| A |
| S |

