|  |  |  |  |
| --- | --- | --- | --- |
| Identity– who you are  Invert – invert(to turn upside down)  Commute – move  Associate – group together  Reflect – reflection of oneself  Symmetric – exact same if folded  Trans – across  Sub – replace | | example: | |
| example: | | example: | |
| example: | | example: | |
| example: | | example: | |
| Multiplication  Inverse Property |  |  | Properties  by Sharrer  p1/2  Identity–  Invert–  Commute –  Associate –  Reflect –  Symmetric –  Trans –  Sub – |
| Additive  Inverse  Property |  |  | Additive Identity Property |
| Communicative Property of  Addition |  |  | Multiplication  Identity Property |
| Communicative Property of  Multiplication |  |  | Multiplication  Property  of  Zero |
| R 1  S 2  T 3  equal signs | | example: | |
| example: | | example: | |
| example: | | example: | |
| example: | | If , then can replace in any equation  example: | |
| Reflexive Property of Equality |  |  | Properties  by Sharrer  p2/2  Jackson5 Properties song |
| Symmetric Property of Equality |  |  | Associative Property of Addition |
| Transitive Property of Equality |  |  | Associative Property of Multiplication |
| Substitution Property of Equality |  |  | Distributive Property |