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| **English** | **Math** | **Example** | **Translation** |
| **What, a number** | **x, n, etc.** | **Three more than a number is 8.** | **n+ 3 = 8** |
| **Equals, is, was, has, costs** | **=** | **Danny is 16 years old.**  **A CD costs 15 dollars.** | **d = 16**  **c = 15** |
| **Is greater than**  **Is less than**  **At least, minimum**  **At most, maximum** | **>**  **<**  **≥**  **≤** | **Jenny has more money than Ben.**  **Ashley’s age is less than Nick’s.**  **There are at least 30 questions on the test.**  **Sam can invite a maximum of 15 people to his party.** | **j > b**  **a < n**  **t ≥ 30**  **s ≤ 15** |
| **More, more than, greater, than, added to, total, sum, increased by, together** | **+** | **Kecia has 2 more video games than John.**  **Kecia and John have a total of 11 video games.** | **k = j + 2**  **k + j = 11** |
| **Less than, smaller than, decreased by, difference, fewer** | **-** | **Jason has 3 fewer CDs than Carson.**  **The difference between Jenny’s and Ben’s savings is $75.** | **j = c – 3**  **j – b = 75** |
| **Of, times, product of, twice, double, triple, half of, quarter of** | **x** | **Emma has twice as many books as Justin.**  **Justin has half as many books as Emma.** | **e = 2 x j**  **e = 2j**  **j = c x ½**  **or**  **j = e/2** |
| **Divided by, per, for, out of, ratio of \_\_ to \_\_** | **÷** | **Sophia has $1 for every $2 Daniel has.**  **The ratio of Daniel’s savings to Sophia’s savings is 2 to 1.** | **s = d ÷ 2**  **s = d/2**  **d/s = 2/1** |

Math Translation Guide