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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