The list of rules that stood out to me from "Guide to Writing Mathematics" include:

- Mathematical sentences are not complete without a "verb,"

  The sentence x+1 would violate this rule, but x+1=2 follows the rule.

- Don't misuse the equal sign, such as using it to indicate that "the next step is..."

  A way to violate this rule is to say:
  3x+4=7=3x=3=x=1.

  A way to follow this rule is to say:
  3x+4=7
  3x=3
  x=1.

- Don't start a mathematical sentence with a formula. Instead, at least put a word in front of it.

  Instead of saying "x=10 when y=1250, so...," it can be fixed by adding a word to the beginning. For example, say, "Since x=10 when y=1250, ..."

- When using pictures, it is very important to fully explain the graph or diagram and why it supports the argument.

  The way to violate this would just be to refer to the graph by saying, "This can be seen by looking at the graph." To fix this, it is important to be specific in saying what exactly can be seen. For example, saying "Since it can be seen that the the graph changes from decreasing to increasing at x=1, this is proven to be true" would be a way to follow this rule.

- It is important to be specific about answers and to state it in real-world terms in terms of the original problem.

  A way to violate this is to say" The solution is x=15." This can be fixed by saying "The solution to the problem is x=15. There are 15 cats left."

- Mathematical computations that end sentences must end with a period. If they aren't ending a sentence, they must end in a comma.

  A way to violate this would be to not punctuate an ended sentence, or to fail to put a comma at the end of a sentence that is not ended. To fix this, just remember to always punctuate.