Git rebase is closer to a merge. The difference in rebase is:

* the local commits are removed temporally from the branch.
* run the git pull
* insert again all your local commits.

So that means that all your local commits are moved to the end, after all the remote commits. If you have a merge conflict, you have to solve it too.

**Rebase vs. Merge**

Now that you’ve seen rebasing and merging in action, you may be wondering which one is better. Before we can answer this, let’s step back a bit and talk about what history means.

One point of view on this is that your repository’s commit history is a **record of what actually happened.** It’s a historical document, valuable in its own right, and shouldn’t be tampered with. From this angle, changing the commit history is almost blasphemous; you’re **lying** about what actually transpired. So what if there was a messy series of merge commits? That’s how it happened, and the repository should preserve that for posterity.

The opposing point of view is that the commit history is the **story of how your project was made.** You wouldn’t publish the first draft of a book, so why show your messy work? When you’re working on a project, you may need a record of all your missteps and dead-end paths, but when it’s time to show your work to the world, you may want to tell a more coherent story of how to get from A to B. People in this camp use tools like rebase and filter-branch to rewrite their commits before they’re merged into the mainline branch. They use tools like rebase and filter-branch, to tell the story in the way that’s best for future readers.

Now, to the question of whether merging or rebasing is better: hopefully you’ll see that it’s not that simple. Git is a powerful tool, and allows you to do many things to and with your history, but every team and every project is different. Now that you know how both of these things work, it’s up to you to decide which one is best for your particular situation.

You can get the best of both worlds: rebase local changes before pushing to clean up your work, but never rebase anything that you’ve pushed somewhere.

Git rebase is closer to a merge.