

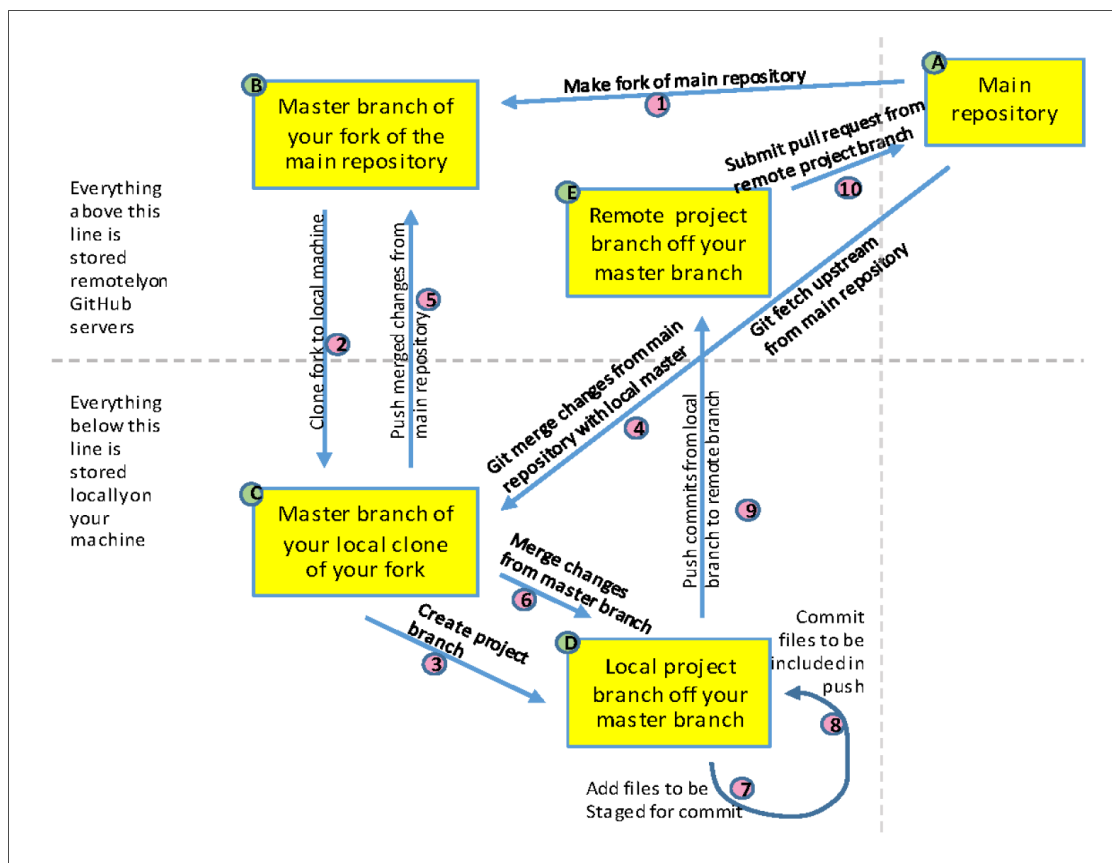
Name: _____

This quiz totals 20 points. The quiz is open-note, but not open-neighbor. Relax and try to do the best you can.

1. (4 points) Explain what a distributed version control system (DVCS) is.

Solution: A DVCS is a system of tracking versions of files. In this system, collaborators each have a full copy of the repository's contents and GitHub (or another online service) tracks the contributions of each collaborator.

2. Referring to the following image, please answer the following questions.



- (a) (4 points) Write down the command line syntax corresponding to arrow #4. (There are two commands — one for above the dotted line and one for below the dotted line)

Solution: The commands are:

```
git fetch upstream
```

and

```
git merge upstream/master -m "message"
```

(b) (4 points) Write down the command line syntax for arrow #2

Solution: The command is `git clone https://github.com/`

`[fork_acct_username]/[owner_reponame].git`

(c) (4 points) Write down the command line syntax for arrow #5

Solution: The command is `git push origin master`

(d) (4 points) Explain how a pull request differs from a “push”

Solution: A pull request is when you submit suggested changes to an owner’s repository. A push is when you send to GitHub a set of changes to a repository that you are the owner of.