Merges

Quiz, 5 questions

5/5 points (100%)

✓ Congratulations! You passed!

Next Item

✓ 1 / 1 point

1. Which procedure does a better job of preserving a project's history?

● **git merge**

Correct
git merge preserves the full history and adds to it

○ **git rebase**

✓ 1 / 1 point

2. Why might a merge result in problems that do not show conflicts (select all correct answers)?

□ It may increase the cost of the product

Un-selected is correct

☑ A merge might affect code in a very different part of the product in a non-obvious way and not receive enough testing

Correct
This answer explains itself

☑ There may be two different solutions to the same problem which interfere with other

Correct
The code might look fine, but the results are problematic

□ The merge may alienate a developer who was opposed to it

Un-selected is correct

✓ 1 / 1 point

3. A **git rebase**

○ is not a legal operation in a public repository

○ hides changes so noone can trace where they are coming from

● adapts a branch to incorporate the latest changes in another branch without yet merging this branch into the other branch

Correct
This is the purpose of a rebase

✓ 1 / 1 point

4. How would you merge two branches (**br1** and **br2**) into the master branch?

● **git checkout master && git merge br1 && git merge br2**

Correct
You can only merge one branch at a time

○ **git checkout master && git merge br1 br2**

○ **git checkout br1 && git merge br2 && git checkout master && git merge br1**

✓ 1 / 1 point

5. What do you do when a merge fails?

○ Abandon all changes desired and start over with a **git revert**

● Evaluate the conflict, see what the correct result should be and then fix

Correct
This is correct

○ Find out who is to blame and force them to fix their errors