

A. 6 processes

If you go through one time and stay on the parent process, it creates two in addition to itself.

That's 3 total.

Now once we get to the first `fork()`, that child will see inside the `if` statement, so another process is called.

That's four.

All processes will see the final `fork()`. We've already accounted for the original parent process.

The first child and *that* child's child will create one more process each.

That's 6.

B. 2 threads

The first child will see the inside of the `if` statement, and `fork()` is called before the thread is created. So the first child, and new child process will both see the thread creation.