

A new test for detecting acute appendicitis is developed and is being compared to a CT scan of the abdomen. A total of 500 patients suspected of having appendicitis have it by CT and 500 do not. Of those found to have appendicitis, the new test correctly identified those with appendicitis 375 times, while it correctly identified 490 individuals who did not have the disease. What is the positive likelihood ratio of the new physical exam finding?

- a) 13
- b) 2.0
- c) 0.26
- d) 38
- e) 4