c. (8 points) The visitor clicks in the box at pixel (3,3) which has a distance of 2 pixels from the center of the box. What is Google's **new** belief that the visitor is a robot?

Haman
$$fH(X,y) = i\sigma$$

Robot $fR(X) = i\sigma$
 $Robot$ $fR(X) = i\sigma$

Recaptcha uses more sophisticated statistics of natural human house gestures and clicks, but this problem covers the central idea behind the new click based recaptchas.