2.87

a)

$$odds = \frac{\hat{\pi}_1/1-\hat{\pi}_1}{\hat{\pi}_2/1-\hat{\pi}_2} = \frac{0.847/1-0.847}{0.906/1-0.906} = 0.57 \approx 0.6$$

b)

The 60% was taken using the odds, not probability. If you want the correct percentage for this interpretation:

$$\frac{0.847}{0.906} = 93.49\%$$

So Doctors are 93.5% as likely to order a cardiac catheterization for blacks as for whites.