27,4

and by integrating each side:

The arctan (x)= $x - \frac{x^3}{3} + \frac{x^5}{5} - \frac{x^7}{7} + \cdots$

(d): If we let x=1, then since arctan(1)=##,

= 1 - 1 - 3 + 5 - 7

Aside: The square