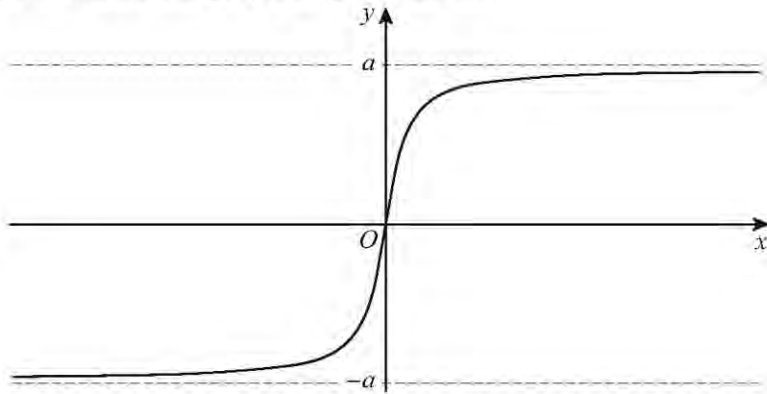


2

The diagram shows the graph of $y = \arctan x$



The graph has horizontal asymptotes at $y = -a$ and $y = a$

State the value of a

Circle your answer.

[1 mark]

$$\frac{\pi}{4}$$

$$1$$

$$\frac{\pi}{2}$$

$$\pi$$