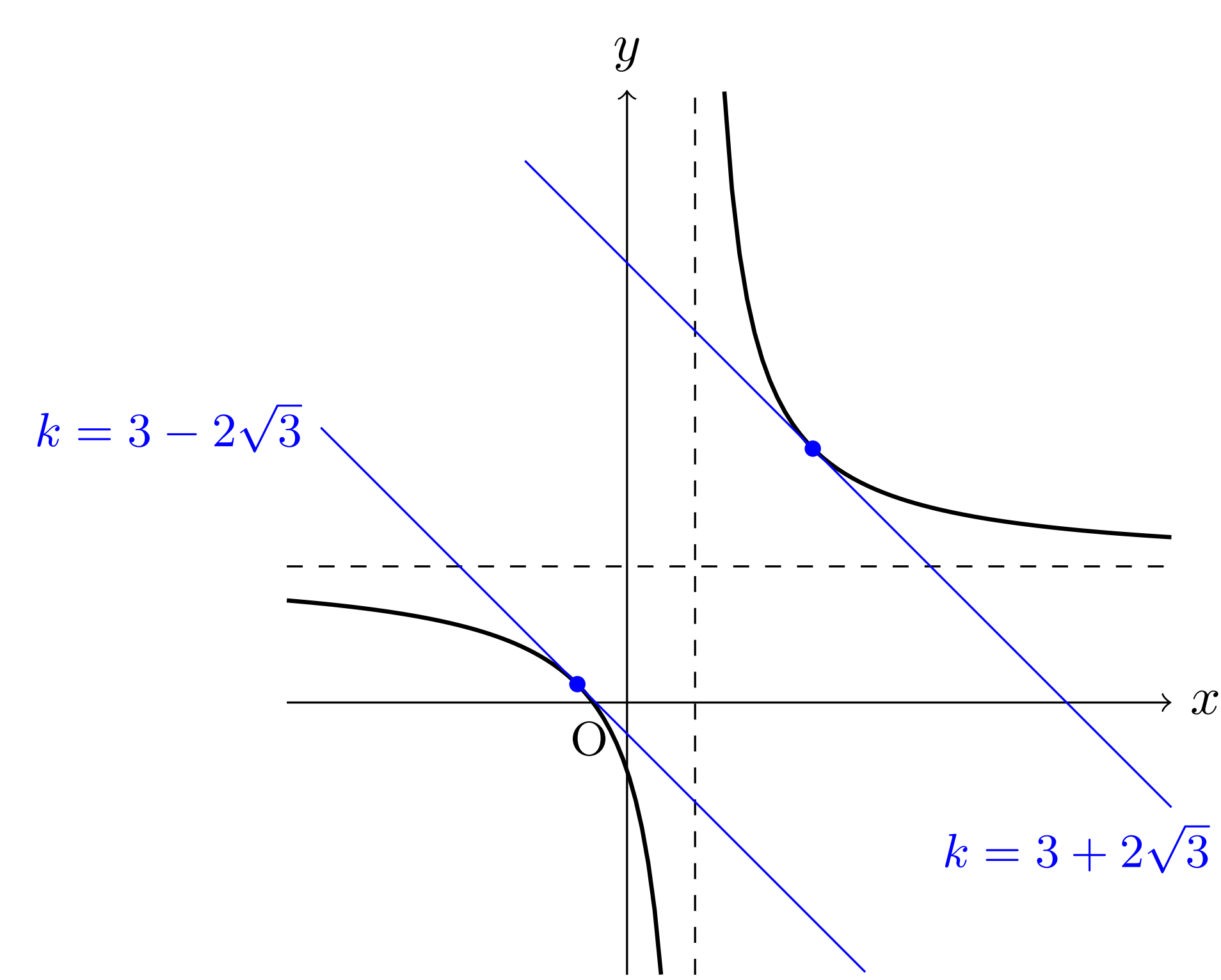

y
x
O
$k = 3 - 2\sqrt{3}$
$k = 3 + 2\sqrt{3}$