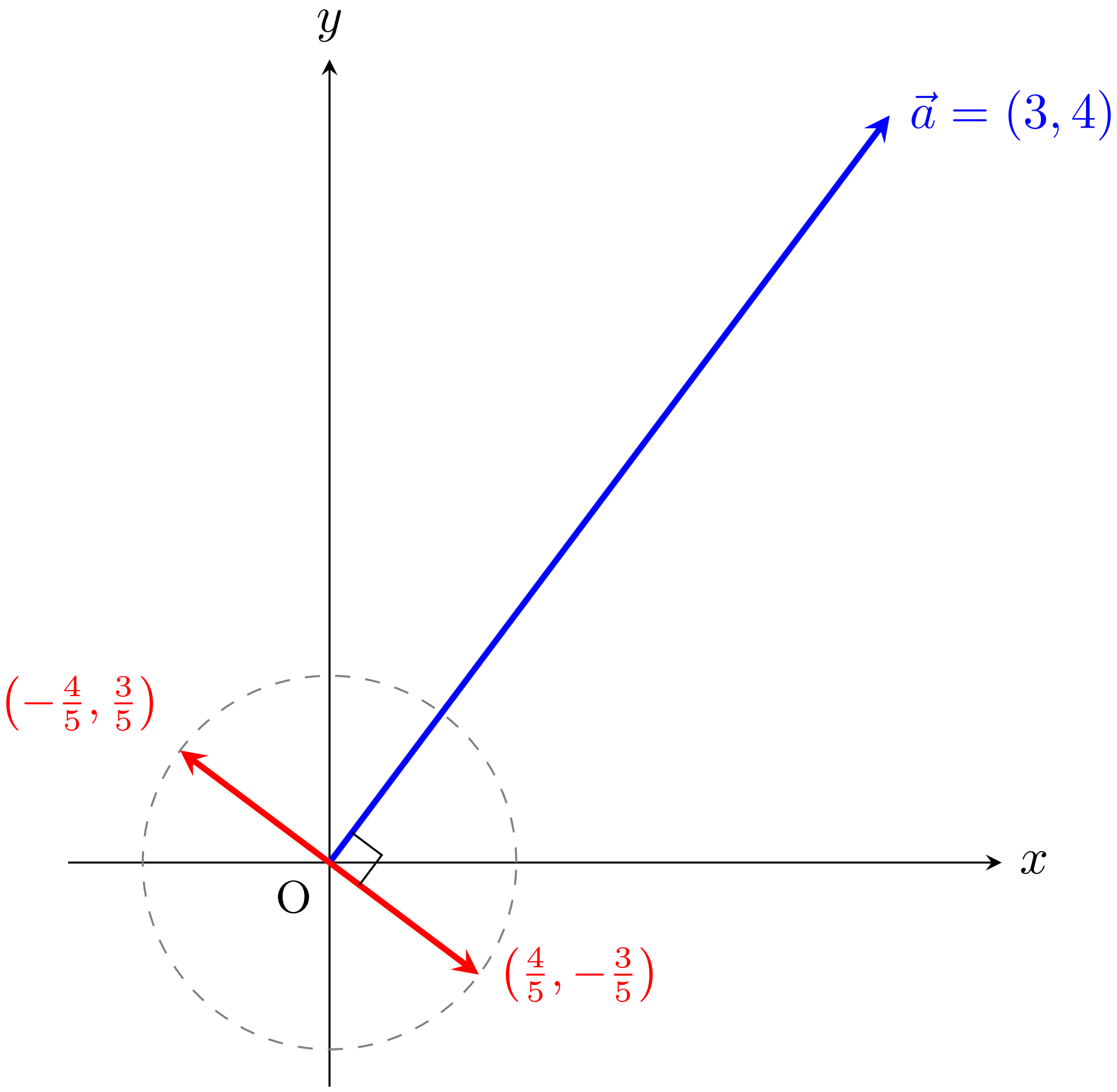

y
$\vec{a} = (3, 4)$
$\left(-\frac{4}{5}, \frac{3}{5}\right)$
x
O
$\left(\frac{4}{5}, -\frac{3}{5}\right)$