

Find the distance between the two parallel lines $3x + 7y + 5 = 0$ and $3x + 4y - 5 = 0$

2

$$\begin{aligned}\text{Required distance} &= \left| \frac{5 + 5}{\sqrt{3^2 + 4^2}} \right| \\ &= 10/5 \\ &= 2\end{aligned}$$