TG
2

$$
\text { Let } \underset{\sim}{a}=\binom{4}{-3}
$$

Find the magnitude of $\underset{\sim}{a}$, and find a unit vector in the same direction as $\underset{\sim}{a}$.

$$
\begin{aligned}
|\underset{\sim}{\mid}| & =\sqrt{4^{2}+(-3)^{2}} \\
& =5
\end{aligned}
$$

$\therefore$ unit vector is $\frac{1}{5}\binom{4}{-3}$

* These solutions have been provided by projectmaths and are not supplied or endorsed by NESA.

