$\begin{pmatrix}7\\2\end{pmatrix}$ and $\begin{pmatrix}1\\-5\end{pmatrix}$
-3
$\begin{pmatrix}2\\3\end{pmatrix}$ and $\begin{pmatrix}-6\\4\end{pmatrix}$
0
$i+j$ and $-4i+3j$
-1
$4i+3j$ and $5i-12j$
-16
$\begin{pmatrix}2\\3\end{pmatrix}$ and $\begin{pmatrix}4\\1\end{pmatrix}$
$42.27°$
$5i+6j$ and $-i+j$
1
$2i+j$ and $i-4j$
-2
$-2i+j$ and $3i+6j$
$0°$
$-3i-4j$ and $i+j$
-7
$90°$
$\begin{pmatrix}2\\-1\end{pmatrix}$ and $\begin{pmatrix}1\\2\end{pmatrix}$
$-i-j$ and $-2i+3j$
$101.31°$
3
$\begin{pmatrix}2\\1\end{pmatrix}$ and $\begin{pmatrix}1\\-5\end{pmatrix}$
$2i+j$ and $3i+4j$
$26.57°$
$-3i$ and $-i+5j$
$78.69°$
$\begin{pmatrix}4\\1\end{pmatrix}$ and $\begin{pmatrix}1\\1\end{pmatrix}$
$30.96°$