The common factors of 2 and 4 are:

\[ 2x + 4 = ( ) \]

\[ 1 \]

\[ 2 \]

The common factors of 10 and 40 are:

\[ 10x + 40 = ( ) \]

\[ 1 \]

\[ 2 \]

\[ 5 \]

\[ 10 \]
The common factors of 10 and 40 are:

Note: You cannot factor out more than $x^2$.
Therefore, our GCF = $10x^2$. 

\[ 2x^2 + 4x = ( ) \]

\[ 2 \cdot x \cdot x \ 4 \cdot x \]

\[ 10x^3 + 40x^2 = ( ) \]

\[ 10 \cdot x \cdot x \cdot x \ 40 \cdot x \cdot x \]
Therefore, the GCF =
Therefore, the GCF =

\[
\begin{array}{ccc}
15a^7b^4 & -9a^5b^6 & +27a^4b^9 \\
15 \cdot a^7 \cdot b^4 & 9 \cdot a^5 \cdot b^6 & 27 \cdot a^4 \cdot b^9 \\
1 & 1 & 1
\end{array}
\]
\[15a^7b^4 - 9a^5b^6 + 27a^4b^9 = \left(5a^3 - \_ + \_\right)\]