Solve Algebraically:

1. Make sure everything is lined up.

2. Multiply one or both equations to get the "x" or "y" coefficients to be equal.

3. Decide if you should add or subtract to cancel out a variable

4. Solve

5. Plug in to find other variable

6. Check

\[
\begin{align*}
-6x - 18y &= -30 \\
2(8x + 9y) &= -20 \\
16x + 18y &= -40 \\
-16x + 16y &= -30 \\
\hline
10x &= -70 \\
\hline
x &= -7
\end{align*}
\]

\[
\begin{align*}
8(-7) + 9y &= -20 \\
-56 + 9y &= -20 \\
9y &= 36 \\
y &= 4
\end{align*}
\]