

Junctions (2) on Iz=In+I3 Loops D -> Le: 6-3-I3+4I1-10+2I1 = 0 Ri: 4-I2-4+2I2+3I3-6 = 0

$$\begin{cases}
I_2 = I_1 + I_3 \\
6I_1 - 3I_3 - 4 = 0
\end{cases} = \begin{cases}
6I_1 - 3I_3 = 4 \\
6I_2 + 3I_3 - 10 = 0
\end{cases} = \begin{cases}
6I_1 - 3I_3 = 4 \\
6I_1 - 3I_3 = 10
\end{cases} = \begin{cases}
I_2 = \frac{17}{12}A \\
I_3 = \frac{1}{2}A
\end{cases} = \begin{cases}
I_3 = \frac{1}{12}A
\end{cases} = \begin{cases}
I_$$

The current through R1 and R3 is  $\frac{11}{12}A \approx 0.92A$ The current through R2 and Rs is  $\frac{17}{12}A \approx 1.42A$ The current through Ry is  $\frac{1}{2}A = 0$ 's A