resistors in kΩ

\[
\begin{array}{c}
2.74 \\
3.16
\end{array}
\]

target

1.4 \text{ in parallel} \quad 0.857

3.4 \text{ in series} \quad 5.23

5.8 \text{ in parallel} \quad 1.374

all series = 10.781

\[
V = IR \\
I = \frac{V}{R} = \frac{6}{10.781} = 0.557
\]

This is the current through 2.74 kΩ.
It is 0.557 mA.

Voltage across \(V = IR\)
\((0.557)(2.74) = 1.53 \text{ V}\)

Current through 1.374 is 0.557

\[
V = IR = (0.557)(1.374)
\]

= 0.765 Volts

Also in voltage across 3.16 kΩ

\[
V = IR \\
I = \frac{V}{R} = \frac{0.765}{3.16} = 0.242 \text{ mA}
\]