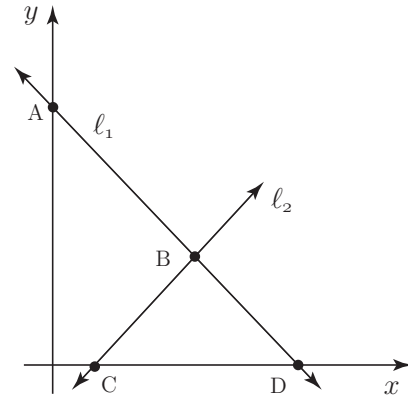


YOU MAY USE A CALCULATOR TO VERIFY SOLUTIONS, BUT NOT TO PROVIDE THEM.

Show all relevant work!

1. Find the points indicated on the graph.

$$\begin{aligned} \ell_1: 4x + 3y &= 12 \\ \ell_2: y &= \frac{2}{3}x - 1 \end{aligned}$$



2. Solve by substitution.

$$\begin{aligned} 3x + 5y &= 11 \\ x - 3y &= 7 \end{aligned}$$

3. Solve by elimination.

$$\begin{aligned} 3x + 5y &= 2 \\ 2x - 7y &= 22 \end{aligned}$$

4. Solve the system graphed below.

