Four straight lines have the following equations:

$$
\begin{aligned}
& 3 x+8 y=59 \\
& x-2 y=1 \\
& y-4 x=3 \\
& 3 y+2 x=-19
\end{aligned}
$$

## How many points of intersection do you expect there to be?

Three of the four lines enclose a triangle which only has negative coordinates for all points on that triangle.

Which three lines?

