Write the equation of the line that passes through each pair of points. Give your answer in Slope-Intercept Form.

Method 1 -54 (-3a-a4) = m -3-8 y-24=7(x-5) y-24=7x-35+24 +24

y=mx+b y=7x+b y=7x+b y=7x+b y=36+b y=36+b y=36+b y=36+b y=36+b

2.
$$(10,-1)$$
 and $(-5,5)$

$$M = \frac{5 - (-1)}{5} = \frac{-2}{5}$$

$$y - (-1) = \frac{-2}{5} (x - 10) = \frac{-2}{5} x^{-10} = 5$$

$$y = -\frac{2}{5} x + \frac{3}{5}$$

3.
$$(7, 3)$$
 and $(-2, 3)$

$$m = \frac{3-3}{7-3} = 0 = 0 \quad 4-3 = 0 \quad (x-7)$$

$$y-3=0$$

$$y=3$$

4.
$$(\underline{-8},10)$$
 and $(\underline{-8},1)$





