Linear Equations (A)

Use the given points to determine the slope using $\frac{y_2-y_1}{x_2-x_1}$

Determine the y-intercept using $b = y - mx$. Write the equation in $y = mx + b$ form.

1. Points: $(1, -7)$ $(-5, 0)$

2. Points: $(6, 9)$ $(-4, -2)$

3. Points: $(8, -6)$ $(6, 8)$

4. Points: $(4, 1)$ $(-6, 4)$

5. Points: $(6, -7)$ $(8, 5)$

6. Points: $(8, 7)$ $(-6, 4)$

7. Points: $(5, -6)$ $(-4, 2)$

8. Points: $(-1, 6)$ $(8, 6)$

9. Points: $(2, 7)$ $(0, 7)$

10. Points: $(2, -7)$ $(-9, 9)$