Solving Systems of Equations Graphically Name: KEY

For each question, graph both equations on the same grid and locate the intersection point.

1. $y = \frac{1}{3}x + 1$ ; $y = 2x - 4$ $\boxed{(3,2)}$

2. $y = \frac{1}{2}x + 4$ ; $5x + 4y + 12 = 0$ $\boxed{(-4,2)}$

$4y = -5x - 12$

$y = -\frac{5}{4}x - 3$

3. $y = -\frac{4}{3}x + 5$ ; $x = 3$ $\boxed{(3,1)}$

4. $y = -x - 1$ ; $y = -4$ $\boxed{(3,-4)}$