

Learning Goal 9.1

Solving linear equations.

Kill the Zombies!

On the following page are 6 equations and 4 zombies to kill. Find which equation kills each zombie.

- To kill a zombie, the equation must match the line passing through the zombie.
- Each line should only kill one zombie.

To complete the assignment, graph each equation on the grid on the following page and record which line kills which zombie: Zombie Mario, Zombie Pikachu, Zombie Hello Kitty, or Zombie Rainbow Dash.

Equation	Kill or Miss? Which One?
$y = \frac{1}{3}x$	
$y = -\frac{5}{2}x - 3$	
$3x + 4y = 24$	
$2x - y = -10$	
$y + 5 = -(x + 3)$	
$y + 3 = \frac{3}{2}(x - 5)$	

