Learning Goal 9.1	Solving linear inequalities.

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?
$y = \dfrac{1}{3}x$	Zombie Hello Kitty
$y = -\dfrac{5}{2}x - 3$	Miss
$3x + 4y = 24$	Zombie Rainbow Dash
$2x - y = -10$	Miss
$y + 5 = -(x + 3)$	Zombie Mario
$y + 3 = \dfrac{3}{2}(x - 5)$	Zombie Pikachu