| Learning Goal 4.2	I can graph and describe linear relations.

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.

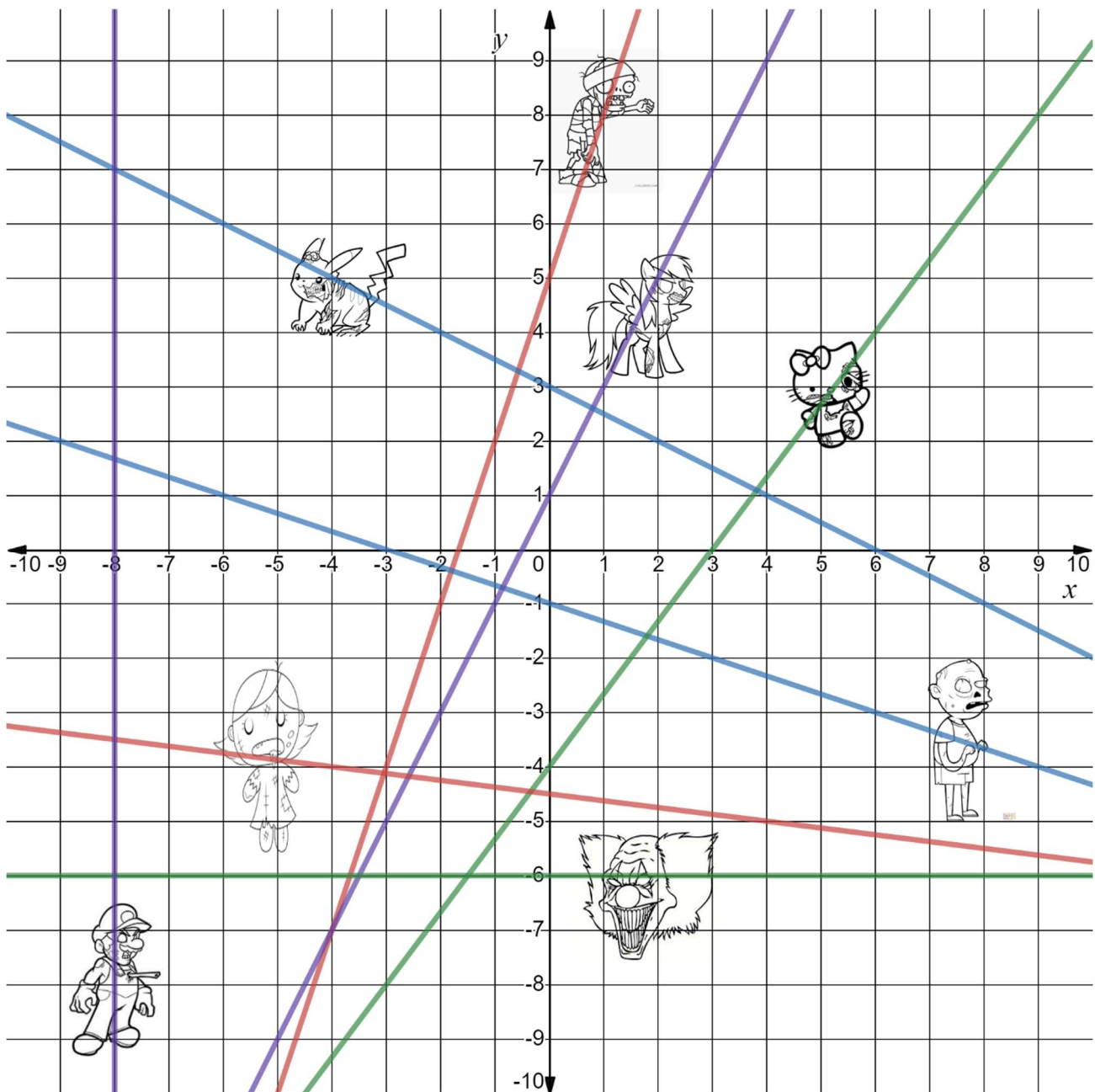| Equation	Kill or Miss? Which One?
$y = \dfrac{1}{3}x$	
$y = -\dfrac{5}{2}x - 3$	
$3x + 4y = 24$	
$2x - y = -10$	
$y + 5 = -(x + 3)$	
$y + 3 = \dfrac{3}{2}(x - 5)$	
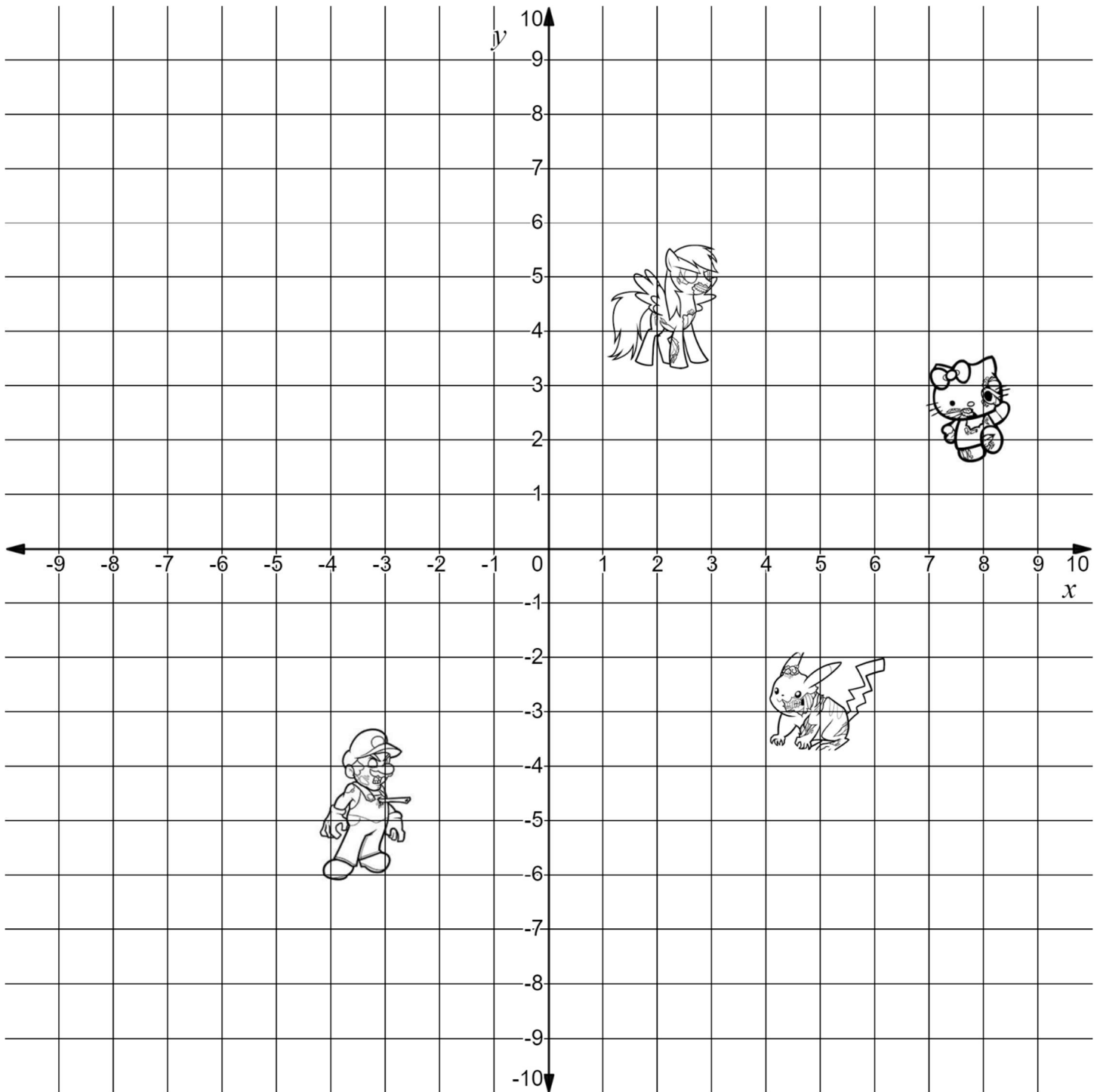
Learning Goal 4.3	I can write an equation that represents a graph.

Kill the Zombies!

On the following graph are 8 lines graphed and 8 zombies to kill. Create the equation that kills each zombie.

- To kill a zombie, the equation must match the line passing through the zombie.
- Each line should only kill one zombie.
- You must have at least
  - 2 lines in **slope-intercept form,** and
  - 2 lines in **slope-point form.**
  - **Bonus** if you can write 2 lines in **standard form.**

Record your equations in the following table.

Zombie	Equation	Equation Form