

1. What is the equation of a line passing through points (0,5) and (2,9)?
- a) $y = 2x + 5$
 - b) $y = x + 5$
 - c) $y = 3x + 1$
 - d) $y = 4x + 5$

2. Fill in the missing values for the table of $y = -2x + 3$ and plot the line:

x	-2	3		0.5	
y			-11		11

3. Match the following:
- a) A flat cell phone rate of \$25 regardless of use.
 - b) \$5 per km for towing, plus a \$50 initial fee.
4. A truck starts with 100 liters of fuel and uses 5 liters every hour. Write an equation and graph the relationship. How many hours until it runs out of fuel?
5. Plot the points $A(2,3)$, $B(-4,5)$, and $C(0, -6)$. Which quadrant is B in?
6. A line passes through points (2,1)(2, 1)(2,1) and (5,7)(5, 7)(5,7).
- a) Determine the slope of the line.
 - b) Write the equation of the line in slope-intercept form.
 - c) Graph the line on a Cartesian plane.