

Name: _____

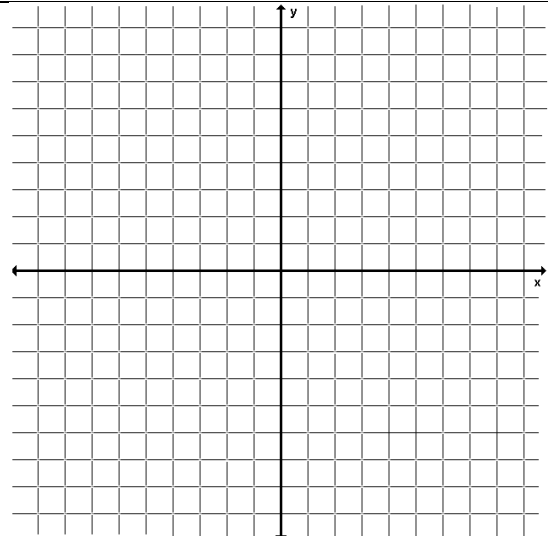
Date: _____ Pd: _____

Word Problems to Graphs

1) Amaya started with \$2 in her savings. She is saving up to buy a gift and receives \$3 for every chore she does. Write an equation that determines the amount of money (y) Amaya has after x chores.

Slope (m): _____ y-int(b): _____

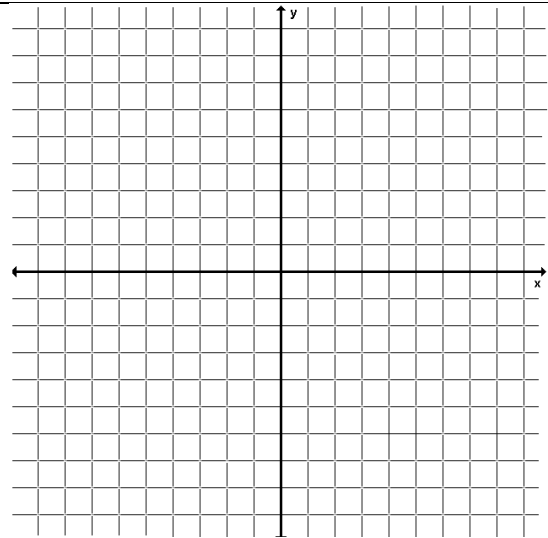
Slope-Int ($y=mx+b$) : _____



2) An Ewa Makai student has \$10 on his McDonald's gift card. He uses about \$1 every 2 days. Write an equation that determines how much money he has left after x days.

Slope (m): _____ y-int(b): _____

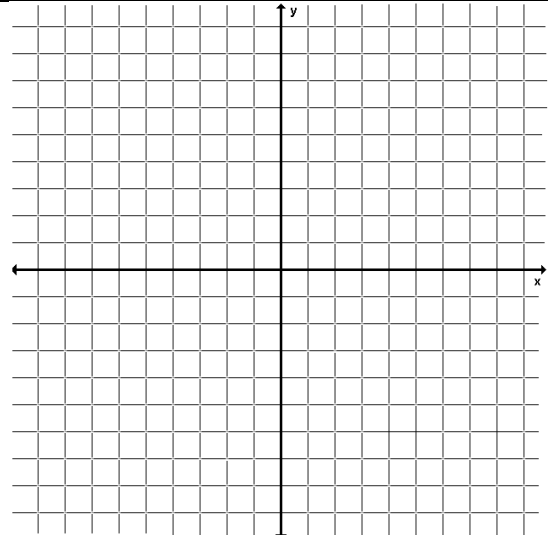
Slope-Int ($y=mx+b$) : _____



3) It costs about \$10 to enter Ice Palace. And an additional \$1 for every 2 games you play. Write an equation that determines cost (y) for every x games (including the cost to get into Ice Palace).

Slope (m): _____ y-int(b): _____

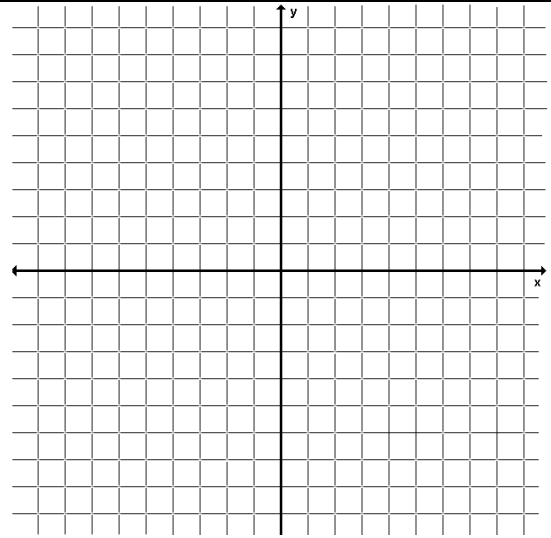
Slope-Int ($y=mx+b$) : _____



4) A hiker is hiking down from the top of Waimea Canyon. He is currently 8 miles up and is descending at a rate of 3 miles every 2 hours. Write an equation that determines his height (y) after x hours.

Slope (m): _____ y-int(b): _____

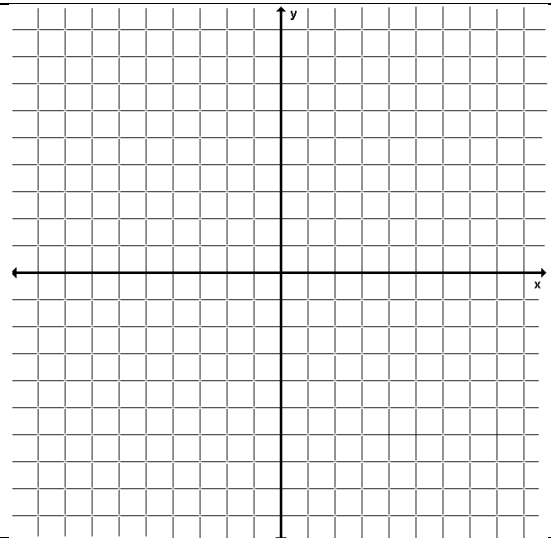
Slope-Int ($y=mx+b$) : _____



5) The Ewa Makai PAL basketball team currently has 3 points on the scoreboard. They score an average of 4 points every 5 minutes. Write an equation that determines the amount of points (y) they have after x minutes.

Slope (m): _____ y-int(b): _____

Slope-Int ($y=mx+b$) : _____



6) You owe your friend \$15 because they helped you pay for your Banquet fee. You can pay your friend back \$3 you're your allowance every 5 days. Write an equation that determines how much money you have (y) after x days.

Slope (m): _____ y-int(b): _____

Slope-Int ($y=mx+b$) : _____

