Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

At the start of the summer, Yvette has $20. She earns $5/week walking her neighbor’s dog. After 3 weeks she has $35, and after 7 weeks she has $55. Write a linear equation for this relationship, identify the slope and y-intercept, graph the equation, and describe what the slope and y-intercept represent.



A bicycle rental shop at the boardwalk charges a flat rental fee of $20, plus $2 for every hour rented. Write a linear equation for this relationship, identify the slope and y-intercept, and graph the equation.



XYZ shipping charges a $10 shipping fee plus $2 for every pound the package weighs. Write a linear equation for this relationship, identify the slope and y-intercept, and graph the equation.



Using the above equation, how much would it cost to ship a 25-lb package?

To become a member of the SalesForce club, one needs to pay an upfront $12 membership fee. Once this fee is paid, you can earn $2 for every sale you make. Write a linear equation for this relationship, identify the slope and y-intercept, and graph.

