1. Write the equations of the lines graphed below.
   (a)
   (b)
   (c)

2. Graph the line perpendicular to 1(b) above that contains the point \((-2, 3)\).

3. The table for a linear equation is started below.
   (a) Fill in the rest of the table.
   (b) Write the equation of the line for this table.

4. Complete this table for the line through \((-2, 5)\) that is perpendicular to the line in 3.

5. The balance of Clarence’s bank account is graphed below. If \(B\) measures his balance in dollars and \(t\) is time in months, answer the following questions.
   (a) How fast is Clarence spending money?
   (b) Write an equation for the balance of Clarence’s account over time.
   (c) What is the \(B\) intercept and what does it tell you?
   (d) What is the \(t\) intercept and what does it tell you?
   (e) What happens after the \(t\) intercept (give a contextual interpretation).
6. Juan owns a propane-gas barbecue grill with a tank that holds 5 gallons of propane. He always sets the temperature at 350°F, which uses 0.125 gallons of propane per hour. Let \( g \) be the number of gallons of propane that remain in the tank after \( t \) hours of cooking since the tank was filled. Write an equation for \( g \) in terms of \( t \).

7. My garbage company charges $12 to pick up one can of garbage and $28 to pick up 3 cans.
   (a) What is the company’s per can charge?

   (b) Write a linear formula for the cost, \( C \), of having \( n \) cans of garbage picked up.

   (c) What is the \( C \) intercept and what does it mean in this context?