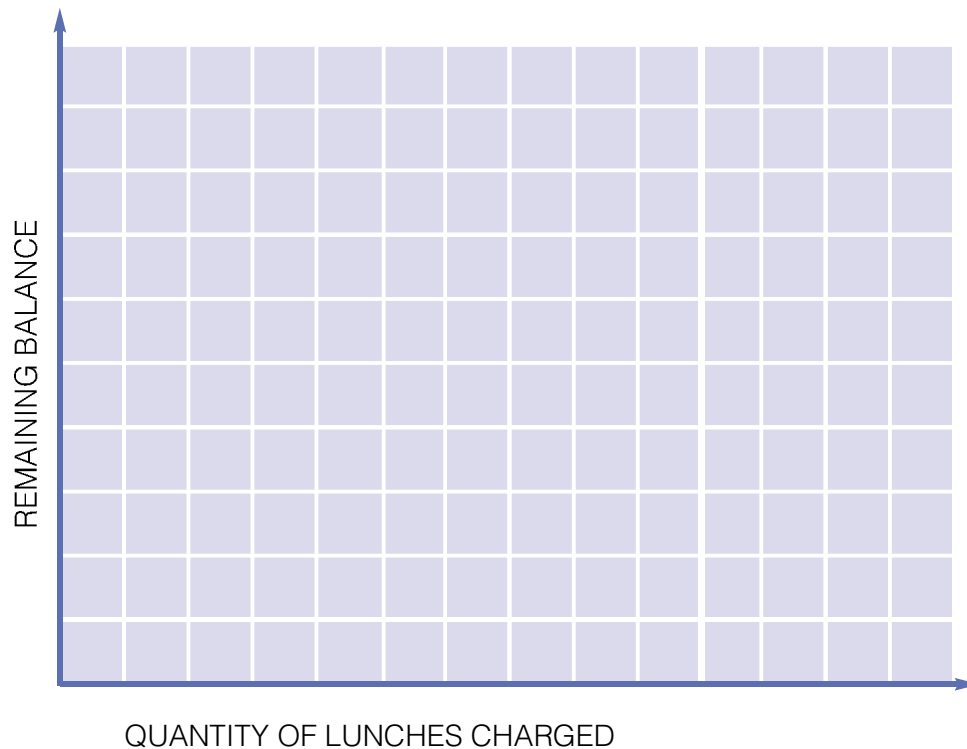


VISUAL 1.1 ▲ Warm-Up

A student opens a school lunch account with an opening balance of \$50. Lunch costs \$2.00 a day, and the student can have the cost charged against the account each day.

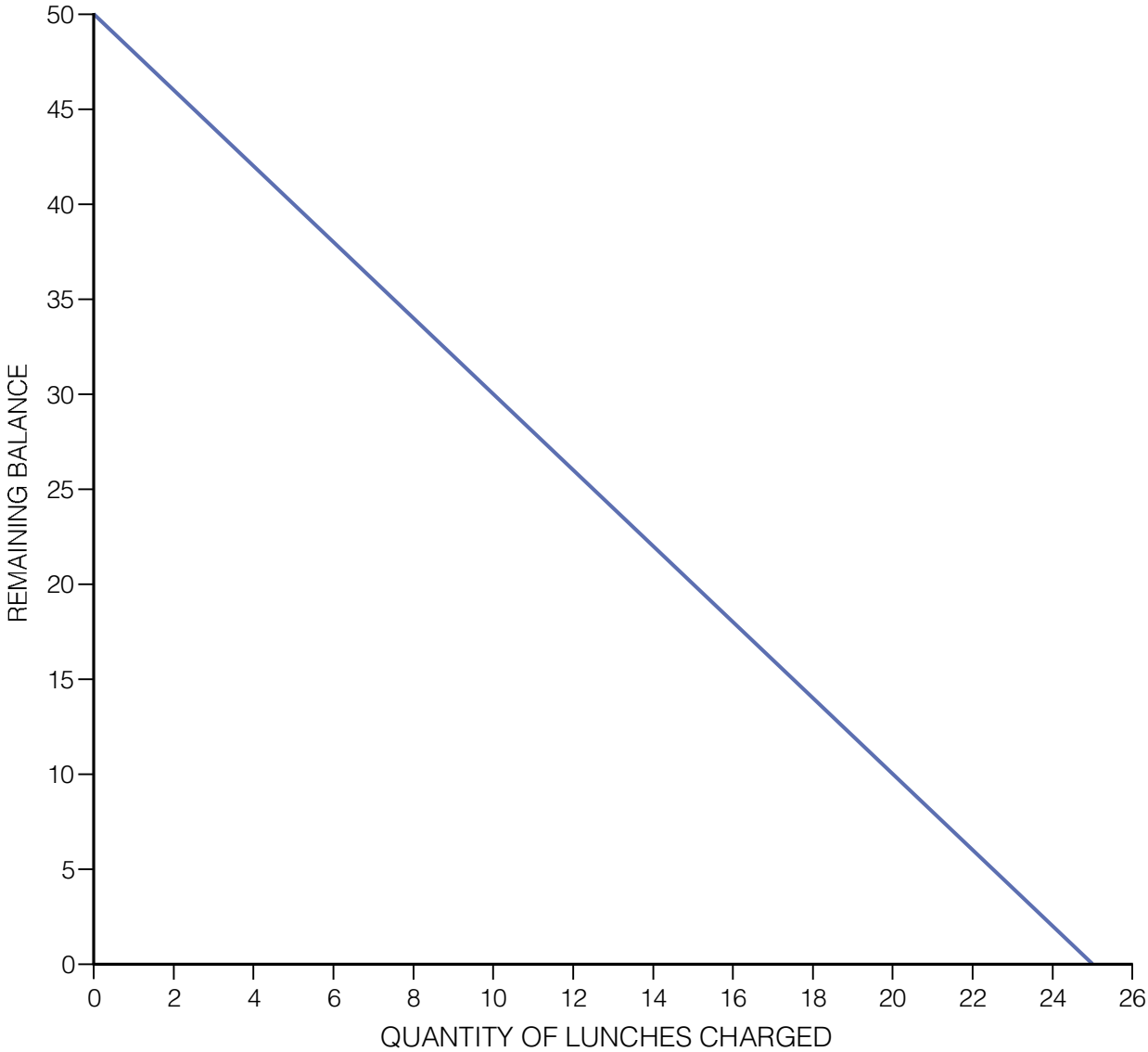
ANSWER THE FOLLOWING QUESTIONS:

- Write the equation for the line representing the balance remaining in the school lunch account in terms of the number of lunches charged.
- What are your independent and dependent variables?
- Sketch the graph for 0 to 25 lunches.



- What is the slope of the line? (Remember: Slope is the rate of change.) What is the vertical intercept of the line?
- If the remaining balance is \$32, how many lunches have been charged?

VISUAL 1.2 ▲ Schedule from Warm-Up



VISUAL 1.3 ▲ Demand Schedule

Price of CD in \$ (Independent Variable)	Quantity Demanded of CD (Dependent Variable)	(Dependent Independent Variable, Variable)
32	0	(0,32)
30	2	(2,30)
28	4	(4,28)
26	6	(6,26)
24	8	(8,24)
22	10	(10,22)
20	12	(12,20)
18	14	(14,18)
16	16	(16,16)
14	18	(18,14)
12	20	(20,12)
10	22	(22,10)
8	24	(24,8)
6	26	(26,6)
4	28	(28,4)
2	30	(30,2)

Register to Remove Trial Watermark!!

VISUAL 1.4 ▲ Demand Curve for CDs

