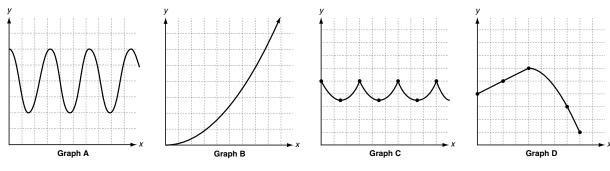
Class

Practice C 9-1 *Multiple Representations of Functions*

Match each situation to its corresponding graph. Sketch a possible graph of the situation if it does not match any of the given graphs.

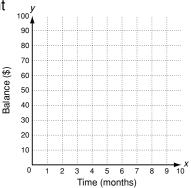


- 1. A pendulum swings back and forth.
- **2.** A new subdivision is built near an elementary school and families with children begin moving in.
- 3. Joan throws a paper airplane into the air.
- 4. Sandy is riding the roller coaster at the amusement park.

Solve.

5. The table shows the balance, *b*, in dollars in a savings account at the end of each month. Create a graph and an equation to represent the balance after *m* months.

m	1	2	3	4	5	6
b	38	46	54	62	70	78



6. A fireworks projectile is launched at 20 meters per second from a 60-meter bridge. The table shows the distance, *d*, in meters the projectile is above the river after *t* seconds. Create a graph and an equation to determine how long after the launch the projectile reaches the ground.

t	0	1	2	3	4	5
d	60	75	80	75	60	35

