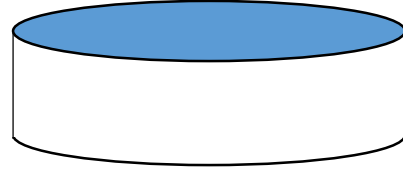


Name: _____ Class: _____

1. The equation $y = -7x$ represents the situation where Mr. Dillenbeck is either filling or draining his pool. Which graph and statement could represent this situation?

- A A graph with the y -axis labeled gallons and the x -axis labeled minutes which indicates that the pool is being drained at the rate of seven minutes per gallon.



- B A graph with the y -axis labeled gallons and the x -axis labeled minutes which indicates that the pool is being filled at the rate of seven gallons per minute.
- C A graph with the x -axis labeled gallons and the y -axis labeled minutes which indicates that the pool is being drained at the rate of seven gallons per minute.
- D A graph with the y -axis labeled gallons and the x -axis labeled minutes which indicates that the pool is being drained at the rate of seven gallons per minute.

2. Harris is a Freshman in college who works at Wendy's. His situation is modeled by the equation $y = 8x$. Which of these statements **could** describe his situation?

- A Harris works 8 hours per week.
- B Harris earns \$8.00 per hour.
- C Harris checks the restrooms 8 times per shift.
- D All of the above.