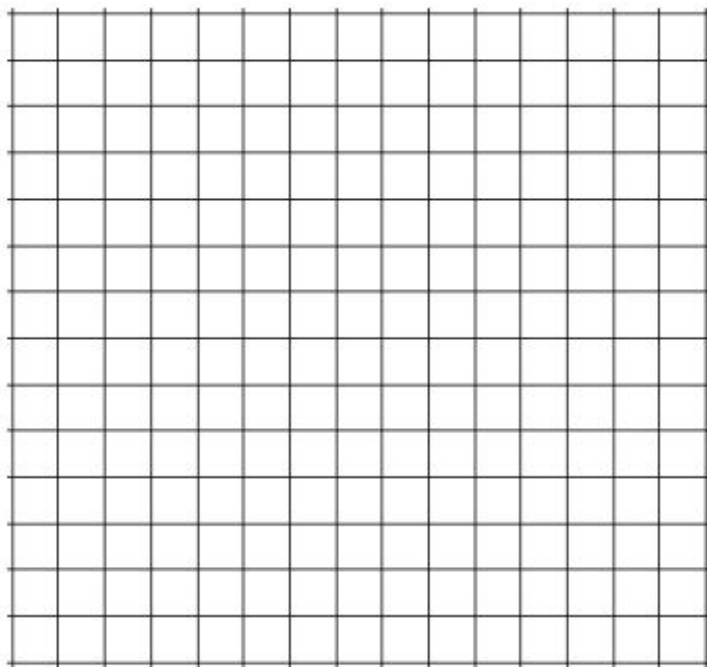
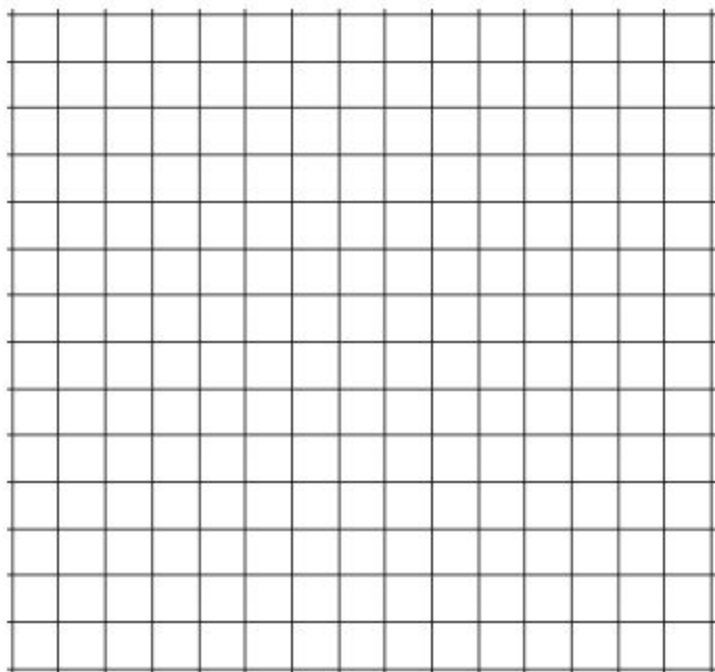


3. **REINFORCE** For each function, write a scenario and sketch a graph that might be modeled by the function.

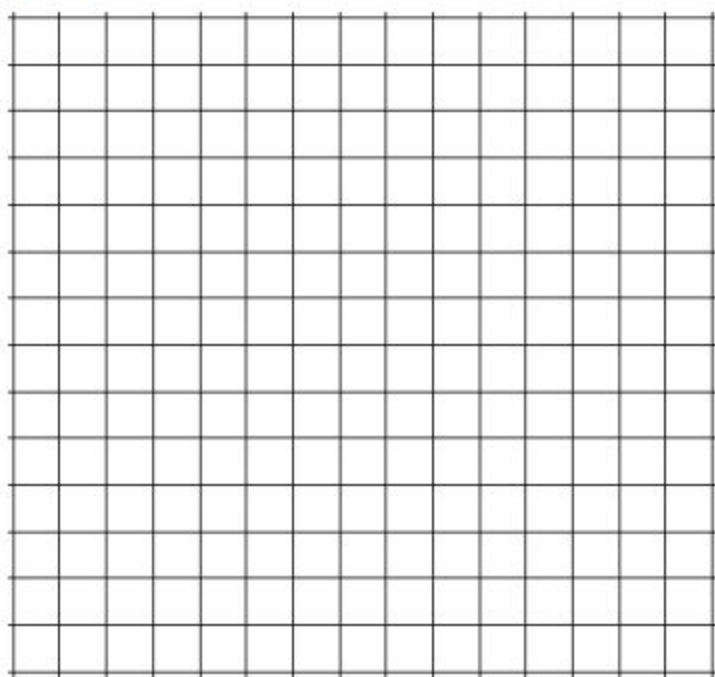
- a. linear
 $y = 60x$



- b. quadratic
 $y = -16x^2 + 32x$



- c. exponential
 $y = 2^x$



4. **REVIEW** Simplify each expression.

a. $3x^2 + 2x - 3xy - 5x - x^2 + 5xy + 2y^2$

b. $x(3 - 4x) - 2(x^2 + 5x) + 6$

c. $(x - 3)(x + 4)$

d. $(2x + 5)(3x - 1)$