

Functions: Lesson 4
Real Life Equations: Worksheet 1

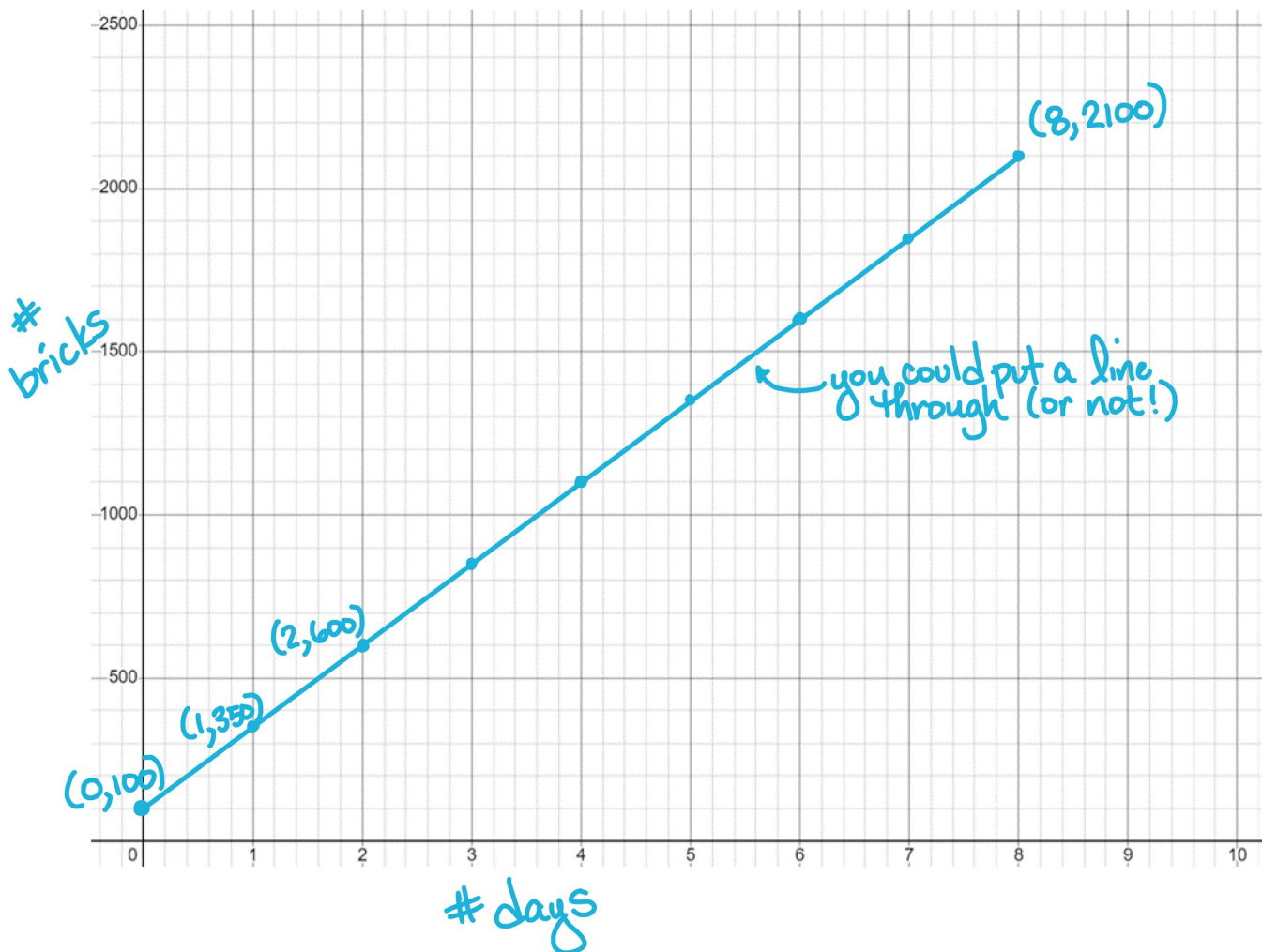
Name: _____

Answer Key!



A building under construction has 100 bricks on it. They are adding 250 bricks each day. Write the equation and graph the number of bricks after a certain number of days, until they have placed all 2,100 bricks on it.

$$B(d) = \underline{100} + \underline{250d}$$



The population of a city is 40,000. Each year, 1,000 people leave it for warmer weather, until it stabilizes at 30,000 people. Write the equation and graph the city's population per year.

$$P(y) = \frac{40,000}{1} - \frac{1,000 \cdot y}{1}$$

