Bar chart: Downloads (mm) vs quarters from Q2 2016 to Q3 2021. Labeled values: 23, 111, 181, 318, 171.

Find the average rate of change from Q1 2017 to Q1 2021 _____

Find the average rate of change from Q1 2020 to Q1 2021 _____

Circle the function family that would best model the graph from Q2 2016 to Q4 2018?

Linear   Quadratic   Exponential   Radical   Absolute-Value

_____

Solving Systems of Equations

$$-9 + 5y = -4x$$
$$-11x = -20 + 9y$$

Zoe Zebra buys 3 porcupines on Wednesday, 9 on Thursday, and 15 on Friday.

List the sequence from the situation:

____ , ____ , ____ , ____ , ____ ...

Write the formula for the sequence:

Determine how many porcupines Zoe will have after 200 days.

Linear Relationships

Kanye has two part-time jobs. For the first job he receives $6 per hour as Mr. Strickler's therapist. The other job, quality control worker for I'mWrong Inc., pays $10 per hour. He makes $360 working both jobs. **Write** an equation that describes this situation in three different forms. **Define** your x and y values.

x =

y =

Point - slope form	Slope - Intercept Form	Standard Form

If he works for 15 hours as Mr. Strickler's therapist, how many hours will he have to work for I'mWrong Inc. in order to achieve his goal?

Solve a 3 x 3 system

$$-5r + 5s + 3t = -23$$
$$-5r + 3s - 3t = -11$$
$$-6r + 6t = -12$$