

8A Review Day 3

What type of sequence is this?

Explain how you know.

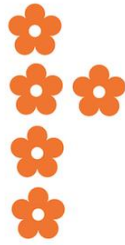


Figure 1

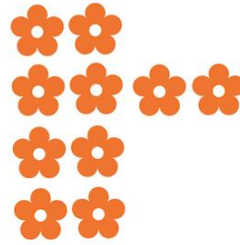


Figure 2

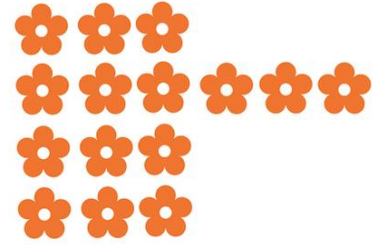
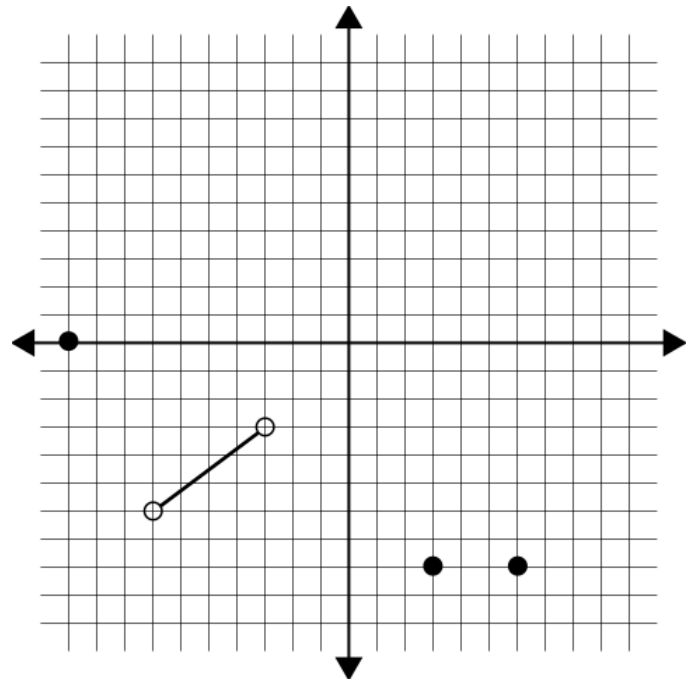
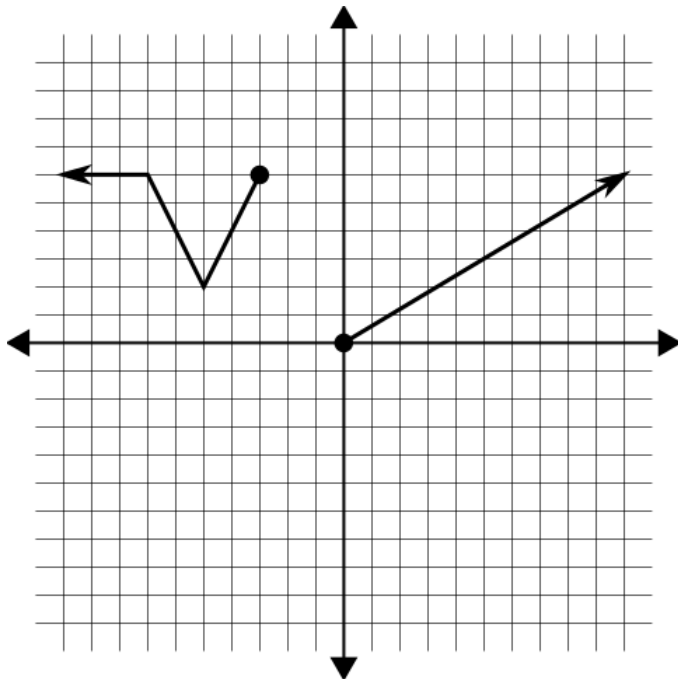


Figure 3

Write explicit and recursive formulas for the sequence.

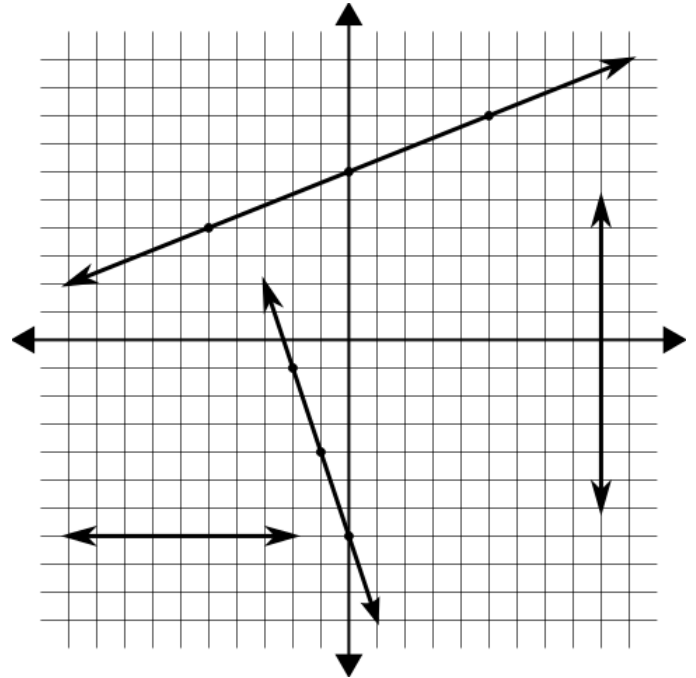
Determine the domain and range of the functions graphed below.



List everything you know about linear functions.

List everything you know about exponential functions.

Write the equation of each line.



Use the graph of the function $f(x)$ to answer the following questions.

What's the value of $f(-2)$?

If $f(x) = 0$, what's x ?

What are the intercepts of $f(x)$?

On what intervals is $f(x)$ decreasing?

On what intervals is $f(x)$ positive?

