Represent the relation as a mapping, as ordered pairs, and as a graph.

#1

What is the domain?

What is the range?

Is this a function? Why or why not?

#2



What is the domain?

What is the range?

 If f(t) = 2t3

#3

Find f(4)

Find 3[f(p)]

Find 2[f(x+1)]

Represent the table as a graph:

#4

Is it a function? Why or why not?

The graph below represents the altitude of a group of hikers. Describe what is happening in the graph.

#5

\*Make sure you are specific about every point and change in slope!\*

#6+

Draw a graph that explains the months in the year compared with the average temperature. Annotate your graph.

Is the following an arithmetic sequence?

#7

-40, -32, -24, -16

If so, find the common difference and the next three terms in the sequence.

#8

Consider the arithmetic sequence

5, 17, 29, 41

Find the 51st term in this sequence.