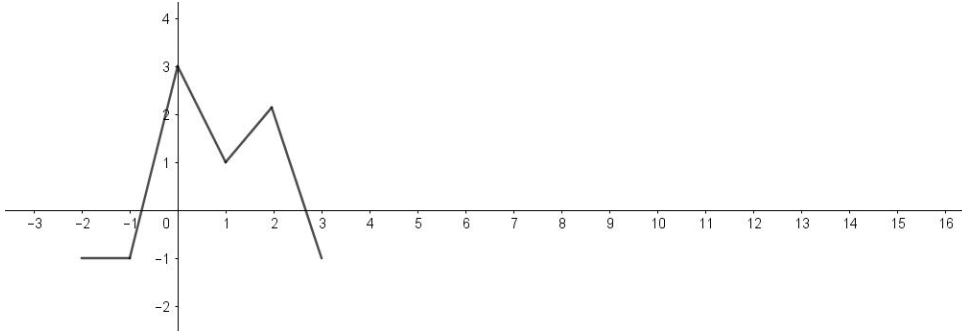
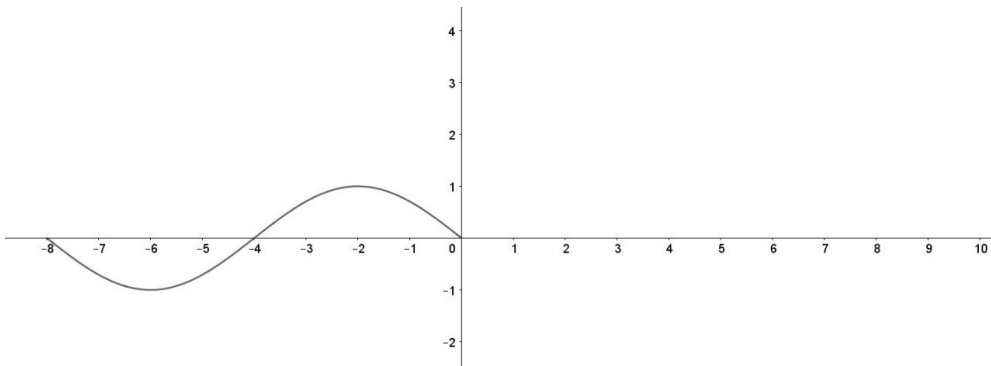


Periodic Function – Supplemental Questions

1. Add two cycles **AND** find $f(-2)$, $f(4)$ and $f(11)$.



2. A ski resort designs its mogul course according to the following periodic function that shows height (y) over horizontal distance (x). One cycle is given.



- A) Extend the function by another cycle
- B) At what horizontal distance(s) will the maximum height be reached?
- C) Over what distances will a skier be going up a mogul?
- D) What will be a skier's height at 14 meters, 26 meters and at 60 meters?