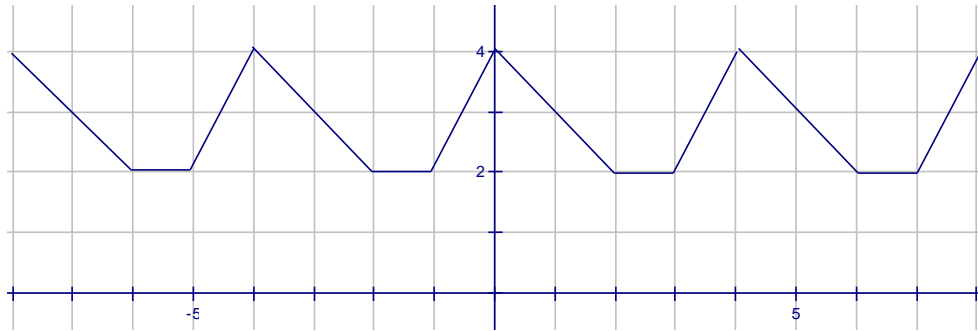


A periodic function is a function in which a cycle repeats itself over and over. The following is a periodic function.



The period is the length of one cycle. The period of the above function is 4.

The axis is the line half-way between the maximum and minimum values of the function. It is always written as an equation. The axis of the above function is $y = 3$.

The amplitude is the distance from the axis to the maximum or minimum values of the function. The amplitude of the above function is 1.

Find the period, axis and amplitude.

