

Water Towers Problem

A small town has a single water tower to serve its citizens. After a long drought, the tower is out of water. Its capacity is 1800 kiloliters. The town will have to access water from a neighboring city until its own water tower is filled to capacity again. Beginning at 8:00 a.m., water begins flowing into the tower at a rate of 80 kiloliters per hour.

Create a table of values for the tower.

ELAPSED TIME	WATER in TOWER (kL)

Sketch the graph of the volume of water in the tower over time.



