

Name: _____

Jenna lives at the point $(17, -16)$. She wants to go to the closest mall. There are two malls on the map. Mall AA is at $(8, -18)$, and Mall BB is at $(3, -7)$. On the map she can only travel vertically or horizontally, one unit at a time. She cannot go diagonally. So she could go from $(1,3)$ to $(1,4)$ or $(1,3)$ to $(2,3)$, but not from $(1,3)$ to $(2,4)$. Which mall is closer to her?

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 780 mph. How far will it go in 20 minutes? Round your answer to the nearest mile.