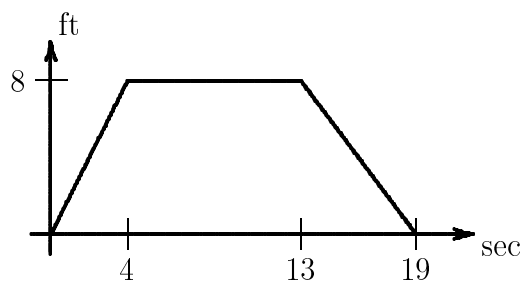


Quiz #4

SHOW YOUR WORK

Paki is flying a model helicopter at Carkeek Park. Let $h(t)$ be the function that gives the elevation of the helicopter, in feet, as a function of the time, in seconds. To the right is a sketch of the graph of $y = h(t)$.



- 1 (4 points) Give a (multipart) formula for the function $y = h(t)$ during the first 25 seconds.
- 2 (2 points) At what rate does the helicopter descend during the last 6 seconds of flight?
- 3 (4 points) When is the helicopter exactly 5 feet above the ground?