

2. The temperature, T , in degrees Fahrenheit, of a cold yam placed in a hot oven is given by $T = h(t)$, where t is the time in minutes since the yam was put into the oven.
- What does $h(20) = 125$ mean in the context of this application? (What are the units here?)
 - What does $h'(20) = 12.3$ mean in the context of this application? (What are the units here?)
 - Use this information to estimate the temperature of the yam 21 minutes after the yam was put into the oven.
3. Let $g(x)$ be the elevation in feet of the Mississippi river x miles from its source.
- What does $g(10) = 62$ mean in the context of this application? (What are the units here?)
 - What does $g'(10) = -2.4$ mean in the context of this application? (What are the units here?)
 - Use this information to estimate the elevation of the Mississippi 11 miles from its source.

Class Discussion: What Have We Learned/Recalled in this Activity?

Skills/Facts:

Methods:

Concepts to Understand: