

1) # 10 p. 50

2) # 2 p. 69

3) # 8 p. 69

4) # 16 p. 110

5) Estimate $f'(1990)$ and interpret its meaning, where f is the function in Example 6, page 102.

6) The amount of radioactive substance, in mg, after t weeks is:

$$Q(t) = 220 e^{-0.08t}$$

Estimate $Q'(2)$, give its units, and interpret its meaning.