

Mar. 16 sheet

1. 9.4 grams

2. $t = 18$ yrs

3. $t = 16$ yrs

4. \$6062.87

5. $t = 6480$

b) 2538 grams

6a) 500

b) 800 years

c) 37

$$7a) y = 3(2)^{\frac{x}{2}}$$

$$b) y = 8\left(\frac{1}{2}\right)^{\frac{x}{5}}$$