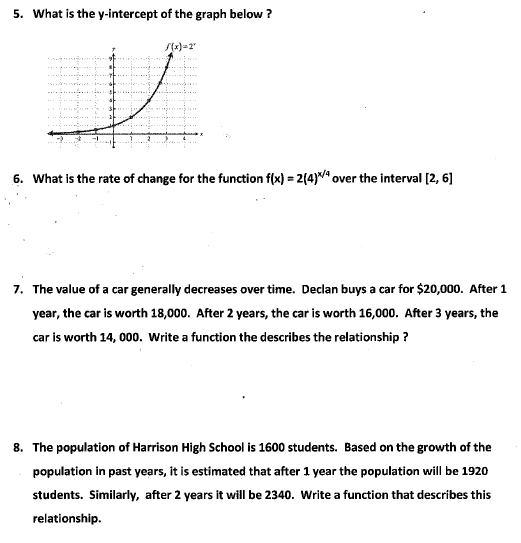
4. Using the following parent functions, write a new function given the following transformations: reflection, stretch, move left, and move down. \*\*Answers may vary\*\*\*

I. f(x) =

II. f(x) =

III. f(x) =



**f(x) = over the interval 5 ≤ x ≤ 8**



10. For each of the functions below, identify the transformations made on the parent function.

I. f(x) = to f(x) =

II. f(x) = to f(x) =+5

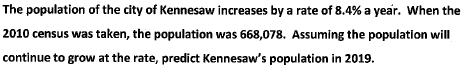
III. f(x) = to f(x) =

11. Annie invested $500 in to her savings account that pays 4.7% annual interest.

Write a function to model this scenario.



12.

13.

14.