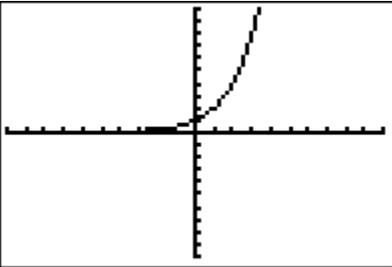
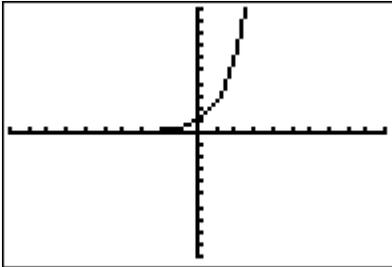
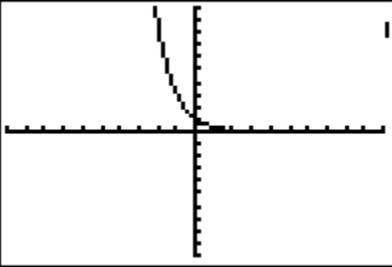
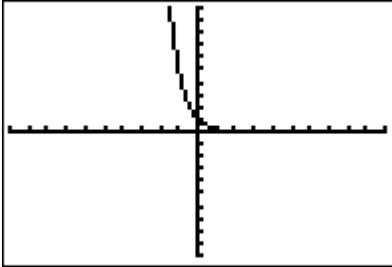


Homework: Exponential Functions - Key

In Problems 1-5, approximate each number using a calculator. Round your answer to three decimal places

1. 59.526	2. 3.322
3. 0.145	4. 40.447
5. 0.717	

In Problems 6-9, graph each function

6. 	7. 
8. 	9. 

In Problems 10-12, the graph of an exponential function is given. Select the function for each graph from the following options:

10. $g(x)$

11. $k(x)$

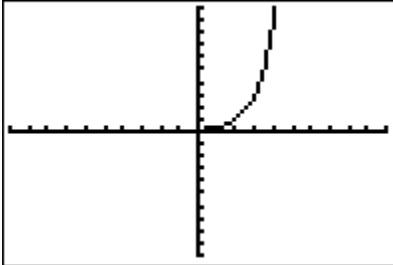
12. $h(x)$

Homework: Exponential Functions - Key

In Problems 13-23, describe the transformation from the basic graph and then graph the function

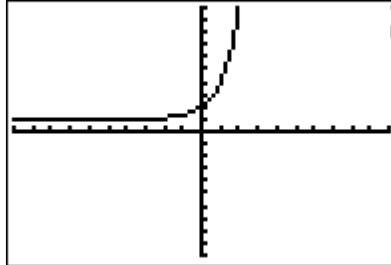
13.

Right 2



14.

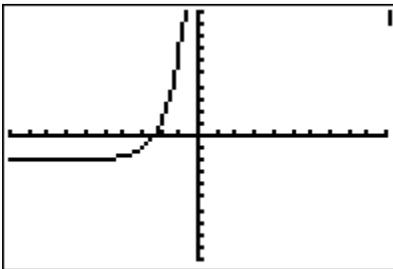
Up 1



15.

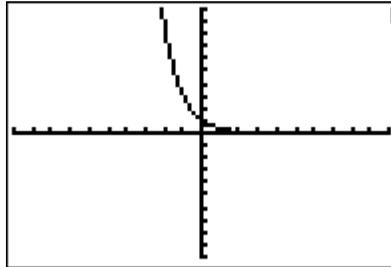
Down 2

Left 3



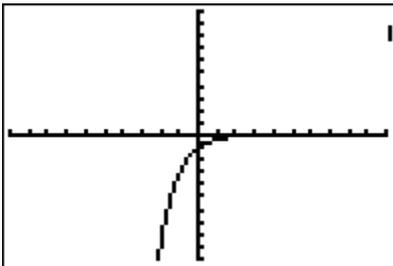
16.

Reflects across y-axis



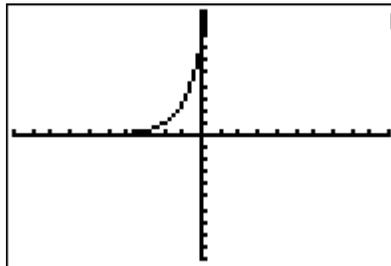
17.

Reflects across x-axis and y-axis



18.

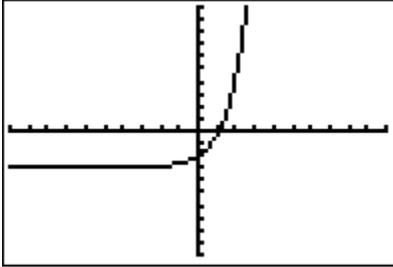
Left 2



Homework: Exponential Functions - Key

19.

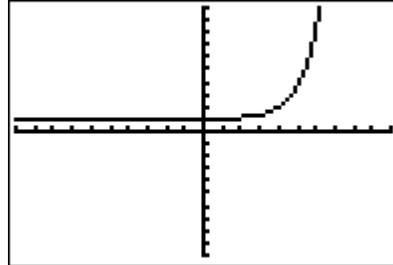
Down 3



20.

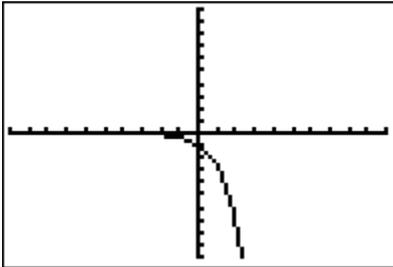
Up 1

Right 4



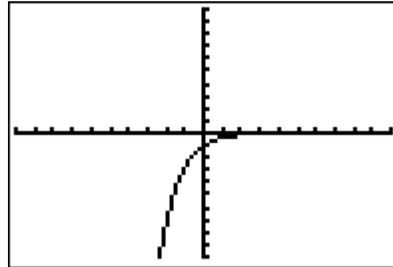
21.

Reflects across x-axis



22.

Reflect across x-axis and y-axis



23.

Down 3

Reflects across x-axis

Left 2

