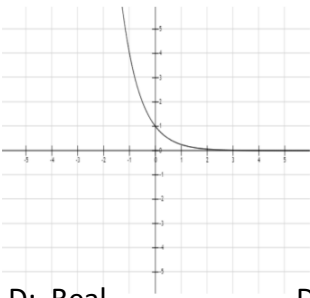


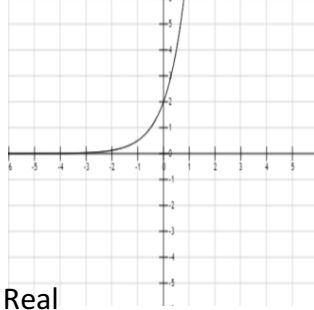
8.1 HW Answers

1.



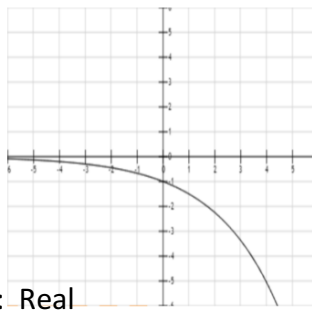
D: Real
R: $y > 0$
Y-int: 1
Asy: $y = 0$

2.



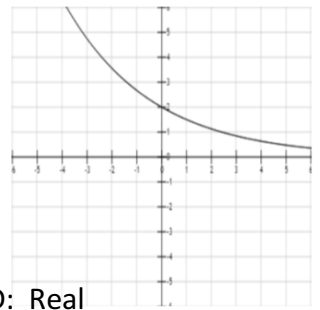
D: Real
R: $y > 0$
Y-int: 2
Asy: $y = 0$

3.



D: Real
R: $y < 0$
Y-int: -1
Asy: $y = 0$

4.



D: Real
R: $y > 0$
Y-int: 2
Asy: $y = 0$

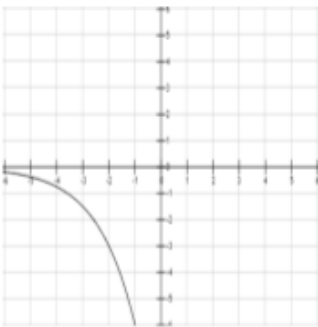
5. Decay

6. Growth

7. Growth

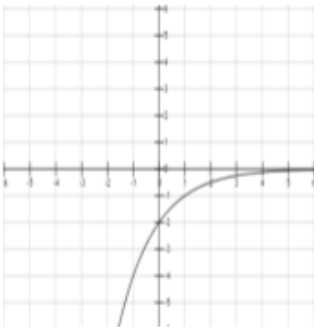
8. Decay

9.



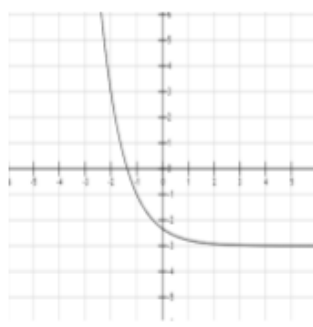
D: Real
R: $y > 0$
Y-int: -12
Asy: $y = 0$

10.



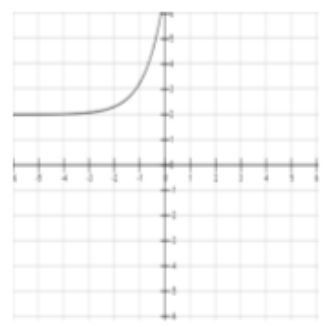
D: Real
R: $y < 0$
Y-int: -2
Asy: $y = 0$

11.



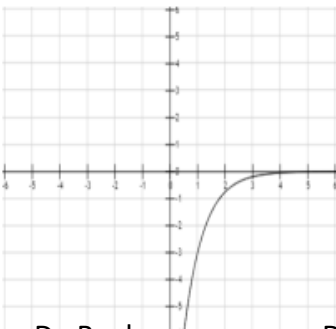
D: Real
R: $y > -3$
Y-int: $-7/3$ (-2.33...)
Asy: $y = -3$

12.



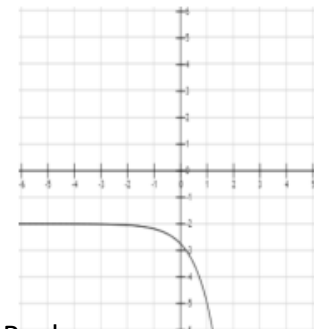
D: Real
R: $y > 2$
Y-int: 7
Asy: $y = 2$

13.



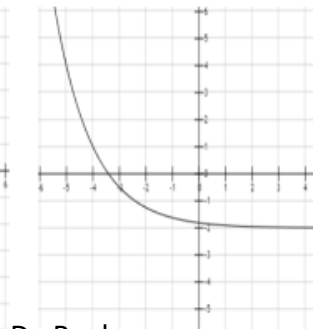
D: Real
R: $y < 0$
Y-int: -12
Asy: $y = 0$

14.



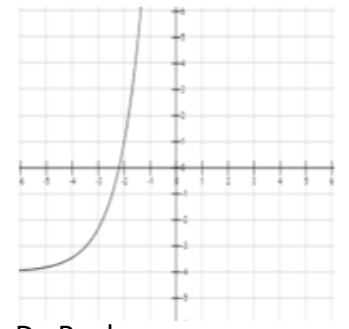
D: Real
R: $y < -2$
Y-int: $-11/4$ (-2.75)
Asy: $y = -2$

15.



D: Real
R: $y > -2$
Y-int: $-29/16$ (-1.8125)
Asy: $y = -2$

16.



D: Real
R: $y > 41$
Y-int: 41
Asy: $y = -4$