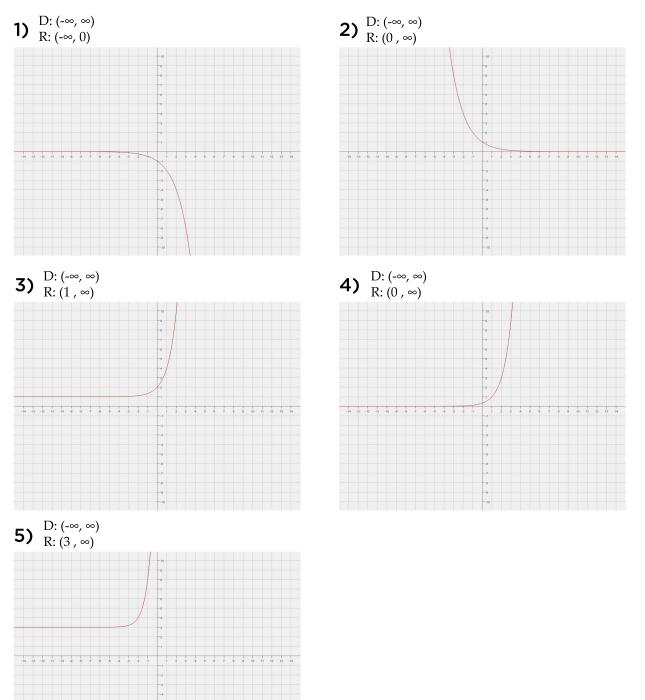




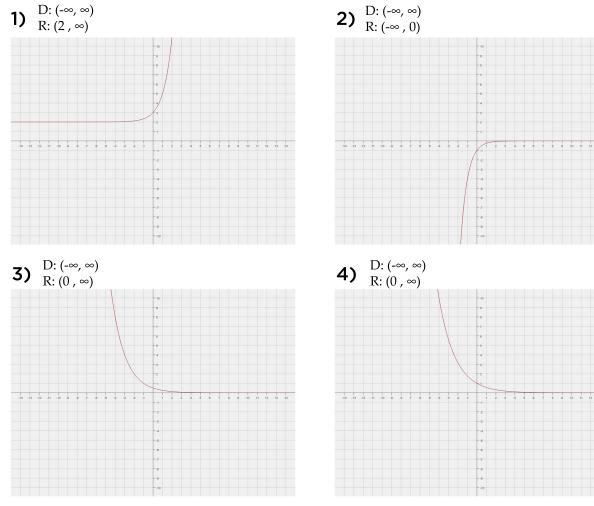
7-1a



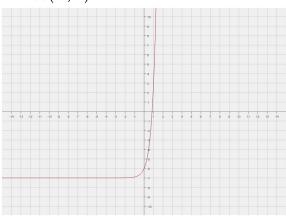
Chapter 2 ANSWER SHEET



7-1b



5) $\begin{array}{c} D: (-\infty, \infty) \\ R: (-7, \infty) \end{array}$



Chapter 7 ANSWER SHEET



7-2a	1) \$8,160	2)	\$8,323.20	3)	\$11,887.58	4)	(below)	5)	(below)
7-2b	1) 2,200	2)	2,420	3)	284,086	4)	(below)	5)	(below)
7-3a	1) 9,500	2)	9,025	3)	694	4)	(below)	5)	(below)
7-3b	1) \$1,209	2)	\$1,124.37	3)	\$1,292.16	4)	(below)	5)	(below)
7-4a	1) 2	2)	5	3)	3	4)	3/2	5)	2
7-4b	1) 4	2)	5/2	3)	3	4)	-1/2	5)	4
7-2a 4) D: [0,8); time starts at zero years (i.e. today) and can go on forever (theoretically)									
7-2a 5) R: [8000, ∞); The original amount is \$8000 and can grow to an infinite amount (theoretically)									
7-2b 4) D: $[0,\infty)$; time starts at zero weeks (i.e. today) and can go on forever (or until we stop the experiment)									
7-2b 5) R: $[2000,\infty)$; the original amount is 2000 bacteria and can grow indefinitely (or until we stop the experiment)									
7-3a 4) D: $[0,\infty)$; the time starts now (0 weeks) and mathematically it will take forever for there to be none									

7-3a 5) R: [0,10,000]; there were initially 10,000 bacteria and eventually there are none.

7-3b 4) D: $[0,\infty)$; the time starts now (0 years) and mathematically it will take forever for the gold to be worthless.

7-3b 5) R: [0,1,300]; initially the price of gold was \$1300 and eventually the gold became worthless.