MAT 1320 E	Assignment 4	(Due Wed. Nov. 10th, 19:00)	Student Number:	
Problem 1: §4.3 #34				
Answers:				
(a) vertical asymptote(s):		horizontal asymptote(s):		
(b) $f'(x) =$				
f(x) increasing on		f(x) decreasing on		
(c) local extrema (points):			
(d) $f''(x) =$				
f(x) concave up on		f(x) concave down on		
inflection points:				
(e) (sketch)				

Problem 2: §4.3 #38	
Answers:	
(a) vertical asymptote(s):	horizontal asymptote(s):
(b) $f'(x) =$	
f(x) increasing on	f(x) decreasing on
(c) local extrema (points):	
(d) $f''(x) =$	
f(x) concave up on	f(x) concave down on
inflection points:	
(e) (sketch)	

Problem 3: §4.5 #20 Work:

Answer:

Problem 4: §4.5 #32 Work:

Answer:

Problem 5: §4.5 #34 Work:

Answer:

Problem 6: §4.5 # 42 Work:

Answer: