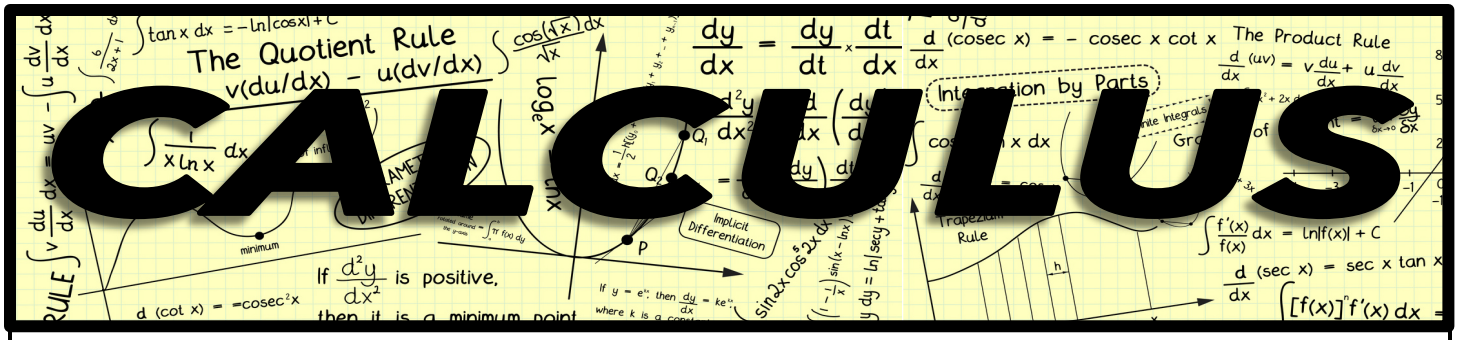


Friday, Aug. 29

Finding Limits from Graphs Handout
p. 111 1-6 p. 131 1-4

Sec. 2.2 pp. 65-68
11, 16, 28-31

Sec. 2.3 pp. 76-77
28, 29, 41, 42, 43, 45, 47, 51, 52

Wednesday, Sept. 3

Sec. 2.4 pp. 85-87
9, 11, 19, 21, 22b, 23a, 25, 27

Limits at Infinity Handout
15, 19, 20, 23, 26, 27 & problems at right

a) $\lim_{x\to-\infty} \dfrac{\sqrt{36x^6-3x^3+2}}{4-3x^3+2x^2}$ b) $\lim_{x\to-\infty}\left(5+2x^2-3x^3\right)$

c) $\lim_{x\to-\infty} \dfrac{\sqrt[4]{2-x^2+16x^4}}{1-8x}$ d) $\lim_{x\to\infty}\left(6x^2-5x^5+2\right)$

Friday, Sept. 5

Introduction to Limits of Special Functions

Limit Worksheet

NO HOMEWORK COUPONS

Tuesday, Sept. 9

Asymptotes Handout

Continuity Handout

Math Matters Due

Thursday, Sept. 11

Journal Due

Calculating limits with CAS

Brief look at epsilon-delta definition of limits

Review Limits

Monday, Sept. 15

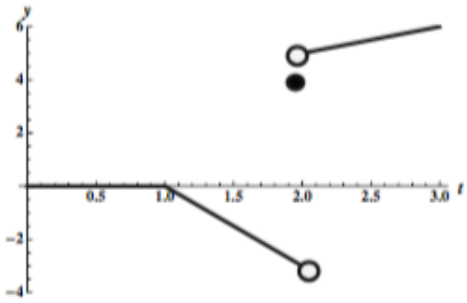
Limits Test

ANSWERS

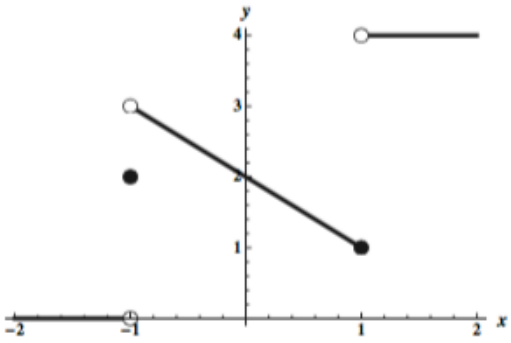
Sec. 2.2 pp. 65-68

16. Limit appears to be 2.

28. Many possible graphs



30. Many possible graphs



Sec. 2.3 pp. 76-77

28. -1

42. -5

52. $3a^2$

Limits at Infinity

a) 2

b) $+\infty$

c) $\frac{1}{4}$

d) $-\infty$