

Friday, Sept. 1

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. 6

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

Limits at Infinity Handout 1-4, 15, 19, 20, 23, 26, 27 & problems at right

a)
$$\lim_{x \to -\infty} \frac{\sqrt{36x^6 - 3x^3 + 2}}{4 - 3x^3 + 2x^2}$$
 b) $\lim_{x \to -\infty} (5 + 2x^2 - 3x^3)$
c) $\lim_{x \to -\infty} \frac{\sqrt[4]{2 - x^2 + 16x^4}}{1 - 8x}$ d) $\lim_{x \to \infty} (6x^2 - 5x^5 + 2)$

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

Friday, Sept. 8

Introduction to Limits of Special Functions

Limit Worksheet



Tuesday, Sept. 12

Asymptotes Handout

Continuity Handout

Math **Matters** Due

Thursday, Sept. 14

Calculating limits with CAS

Journal Due

Brief look at epsilon-delta definition of limits

Review Limits

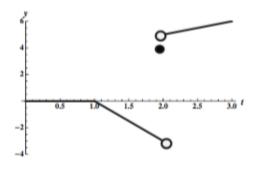
Tuesday, Sept. 19



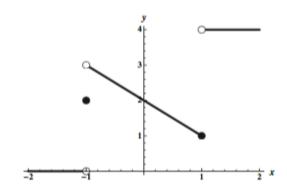
ANSWERS

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. 3a²