

Important notes:

- Homework is due at **the beginning of class**. No late work is accepted for any reason.
- Your homework must be **neatly written, and stapled**.
- **Show your work**. Answers with no explanation will not receive full credit.

Read:

- JIT sections 4.1, 4.3
- Stewart sections 1.1, 1.2 (skip Examples 3 and 4, as well as everything from “Trigonometric Functions” onward on p. 31-32).

Problems:

- From **JIT**:

Section	Page	Problems	Topic
4.1	p. 51-2	1(a)(d)(e)(f), 2(b)(c)(d)	Functions and graphs

- From **Stewart**:

Section	Page	Problems	Topic
1.1	p. 19-22	3(a)-(d), 7, 8, 31, 47, 49	Functions
1.2	p. 33-34	3, 13	Catalog of essential functions

- Supplemental problem:

1. Find a number k so that the line $3x + ky = 7$ is perpendicular to the line $y = 2x + 3$.