

# **Toronto Metropolitan University**

## **Recommended Homework Problems - MTH240**

All exercises below are from our compulsory course textbook, **Calculus**, by **Strang, Herman, et al (2016)**, specifically volumes 2 and 3.

Completing these exercises is **not mandatory** and your answers will not be graded.

### **Volume 2, Chapter 3** Computational Questions

Section 3.1 Odd numbered exercises 1-67.

Section 3.2 Odd numbered exercises 69-115.

Section 3.3 Odd numbered exercises 127-153, 161-169, 175.

Section 3.4 Odd numbered exercises 183-231, 237-243.

Section 3.7 Odd numbered exercises 347-389, 393-399.

### **Volume 2, Chapter 3** Conceptual and Challenging Questions

**Review Ex** Odd numbered exercises 409-429

### **Volume 2, Chapter 4**

Section 4.3 Odd numbered exercises 119-141, 149-151, 159-167.

Section 4.5 Odd numbered exercises 213-231, 241-251, 257-261.

### **Volume 2, Chapter 4** Conceptual and Challenging Questions

**Review Ex** Odd numbered exercises 263-277, 283-289

### **Volume 2, Chapter 5**

Section 5.1 Odd numbered exercises 1-17, 23-43, 47-53.

Section 5.2 Odd numbered exercises 67-113.

Section 5.3 Odd numbered exercises 139-171, 179-183.

Section 5.4 Odd numbered exercises 195-233.

Section 5.5 Odd numbered exercises 251-279.

Section 5.6 Odd numbered exercises 317-359.

**Volume 2, Chapter 5** Conceptual and Challenging Questions

Review Ex Odd numbered exercises 379-403

**Volume 2, Chapter 6**

Section 6.1 Odd numbered exercises 5-47, 51.

Section 6.2 Odd numbered exercises 63-71, 79-101, 105-107.

Section 6.3 Odd numbered exercises 117-123, 133-135, 141-159.

Section 6.4 Odd numbered exercises 175-185, 195-197, 201-231.

**Volume 2, Chapter 6** Conceptual and Challenging Questions

Review Ex Odd numbered exercises 253-277

**Volume 3, Chapter 4**

Section 4.1 Odd numbered exercises 1-37.

Section 4.2 Odd numbered exercises 61-77, 81-85, 91-95, 101, 107-111.

Section 4.3 Odd numbered exercises 113, 119-131, 135-155.

Section 4.5 Odd numbered exercises 215-247.

Section 4.7 Odd numbered exercises 311-339, 345-349.

**Volume 3, Chapter 4** Conceptual and Challenging Questions

Review Ex Odd numbered exercises 395-409