

The following list of problems is taken from *Calculus: single variable*, seventh edition, by Robert Adams. It is strongly recommended that you do ALL of the problems as the minimum practice needed for mastery of the material. Note that the sections follow the order of the lectures, which is not exactly the same as the order of the sections in the text.

p.1: 2, 3, 25, 44, 45.

p.2: 11, 19, 35, 41, 43, 46, 50.

p.3: 4, 8, 19, 29, 42, 46, 49.

p.4: 5, 6, 8, 39-46.

p.5: 1, 7, 27, 33, 35.

p.6: 7, 9, 13, 16, 17, 18.

p.7: 5, 9, 13, 37, 50, 51, 54*.

1.1: 5, 7.

1.2: 3, 7, 9, 13, 25, 33, 55, 67, 77.

1.3: 3, 13, 15, 22, 23, 25, 29*, 31, 55.

1.4: 1, 15, 21, 29, 31, 32.

Chapter review: exercises: 5-29 (odd only), problems: 1, 6, 7.

2.1: 9, 23, 31.

2.2: 3, 33, 47, 51*.

2.3: 1-35* (odd only), 47, 48*.

2.4: 1-15 (odd only), 24, 29, 31, 33, 35, 39.

2.5: 11-39 (odd only), 47, 53, 58.

2.8: 1, 5, 16*, 18*, 20*.

2.6: 3, 5, 9, 17, 29*.

2.9: 3, 7, 11, 19*, 27*, 29*, 30*,

2.10: 1-13 (odd only), 17*, 29, 35, 43.

2.11: 3, 7*, 9.

Chapter review: exercises: 11, 25, 33, 43, problems: 7, 13*, 15.

3.1: 11, 19, 30*, 35*,

3.2: 7, 9, 13, 17, 29, 33.

3.3: 9, 13, 15, 23, 33, 49, 55, 58, 65, 75*.

3.4: 11, 12, 19, 21, 23*, 29*.

Chapter review: exercises: 7, 11, problems: 3*.

4.1: 3, 6, 11, 17, 21, 23, 25, 33, 35, 37*, 38*.

4.2: 7, 23, 35, 45*, 48.
4.5: 7, 10, 29, 31, 33.
4.6: 1, 5, 9, 19, 31, 40*.
4.8: 1, 7, 9, 11, 17, 26, 29, 35, 39, 44*, 46*.
4.2: 5.
4.9: 5, 11, 15, 31.
4.10: 1, 5, 25.
4.3: 1, 7, 17, 23, 27*, 31*.
Chapter review: exercises: 5, problems: 1, 2*, 5, 7, 9.
5.1: 7, 9, 12, 19, 25, 33, 40*.
5.2: 11.
5.3: 1, 5, 16*.
5.4: 7, 15*, 25, 43*.
5.5: 1-19 (odd ones), 31, 41, 45, 47, 51*, 53*.
5.6: 1-41 (odd ones), 51.
Chapter review: exercises: 15, 25, 32, problems: 7.