

Math 8 - Winter 2020

Extra practice problems - Week 6

Here are some (voluntary) extra problems from the prescribed textbook “Calculus (8th edition) by James Stewart (ISBN: 978-1-285-74062-1)”, if you feel you want extra practice. Answers to all odd numbered problems can be found in the back the book.

1. Derivatives and Integrals of Vector Functions, Section 13.2, p. 900: no’s 3-8, 9-16 and 35-40 (are routine exercises), 23, 27, 41, 49.
2. Arc Length, Section 13.3, p. 908: no’s 1-6, 17-20 and 21-23 (are routine exercises), 15, 39, 57 (ignore the part about the unit normal and binormal vectors).
3. Motion Along a Curve, Section 13.4, p. 918: no’s 3-14, 37-40 (are routine exercises), 22, 23, 45.