Math 131 Homework Assignment (01/08 – 01/15)
Assignment will be collected on 01/22 the next Tuesday during the class.

Key notions introduced this week:
(1) Line, plane, space, points, vectors, Euclidean Spaces;
(2) Vector Algebra, Linear Combinations, Linear Systems, Standard Basis;
(3) Norm, dot product;
(4) Schwarz inequality, triangle inequality;
(5) Matrix, matrix multiplication.

Homework problems:
§1.1. 3, 6, 10, 36.
§1.2. 5, 20, 25, 26, 27.
§1.3. 12, 16.