Use regular sheets of paper, stapled together.
Don't forget to write your name on page 1.

1. (1 point) Section 2.4, Problem 1

2. (1 point) Section 2.4, Problem 4

3. (1 point) Section 2.4, Problem 7

4. (1 point) Let A be the matrix

$$A = \begin{pmatrix} 1 & 3 & -1 \\ 2 & 5 & 1 \\ 3 & 4 & 13 \end{pmatrix}.$$

Find A^{-1}.

5. (1 point) Section 2.6, Problem 1 (You don't have to justify your answer.)

6. (1 point) Section 2.6, Problem 2

7. (1 point) Section 2.6, Problem 3(a)

8. (1 point) Section 2.6, Problem 4

9. (1 point) Section 2.6, Problem 8

10. (1 point) Section 2.6, Problem 20 (You may assume that V and W are finite-dimensional.)

11. (1 extra credit point) Section 2.6, Problem 11