Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour 1. 2. 3. 4. 5

**Determinants**

Find the value of each determinant.

1. 2. 3.

4. 5. 6.

7. 8. 9.

10.

Evaluate each determinant using expansion by minors.

11. 12. 13.

Evaluate each determinant using diagonals.

14. 15. 16.

17. Solve for x if det = 24