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Matrices and determinants

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|  |  |  |  |  |  |  |  |  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **3.** lAl=0 and adjA.B not equal to zero  **5.** A=A'  **6.** Diagonal matrix having same elements in principle diagonal  **7.** Elements present above the principle diagonal are zeroes in a square matrix  **9.** Condition for matrices add and subtraction  **10.** Determinant of A equal to zero | **Down**  **1.** A=-A'  **2.** Elements present below the principle diagonal are zeros in a square matrix  **4.** Matrix contains equal number of rows and columns  **8.** Value of determinant having identical rows |