



Matrices02 Answers for No.9459

ExerciseMatrices02 Answers for No.9459

- |                               |                              |
|-------------------------------|------------------------------|
| 01 : det(A) = -7              | 02 : det(B) = -21            |
| 03 : det(C) = -14             | 04 : det(D) = 180            |
| 05 : det(E) = 46              | 06 : det(F) = 72             |
| 07 : m*det(C)-det(pE) = -2972 | 08 : det(m*D)-p*det(F) = 432 |
| 09 : x = 2                    | 10 : y = 4                   |

$$No11 = \left( \text{Inv}(G) = \begin{bmatrix} \frac{-2}{7} & \frac{1}{7} \\ \frac{-3}{14} & \frac{5}{14} \end{bmatrix} \right), \begin{bmatrix} \\ \\ \end{bmatrix}$$

- |                  |        |        |        |
|------------------|--------|--------|--------|
| 12 : det(A) = 20 | x = 2  | y = -5 |        |
| 13 : det(A) = 7  | x = -5 | y = -6 |        |
| 14 : det(A) = 12 | x = -7 | y = -5 | z = 4  |
| 15 : det(A) = 6  | x = 4  | y = 2  | z = -7 |

Matrices02 Answers for No.9476

ExerciseMatrices02 Answers for No.9476

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|------------------------------|------------------------------|
| 01 : det(A) = -16            | 02 : det(B) = -11            |
| 03 : det(C) = 26             | 04 : det(D) = 40             |
| 05 : det(E) = 28             | 06 : det(F) = -26            |
| 07 : m*det(C)-det(pE) = -120 | 08 : det(m*D)-p*det(F) = 692 |
| 09 : x = 3                   | 10 : y = -2                  |

$$No11 = \left( \text{Inv}(G) = \begin{bmatrix} \frac{5}{32} & \frac{1}{8} \\ \frac{3}{32} & \frac{-1}{8} \end{bmatrix} \right), \begin{bmatrix} \\ \\ \end{bmatrix}$$

- |                   |        |        |       |
|-------------------|--------|--------|-------|
| 12 : det(A) = -21 | x = 2  | y = -5 |       |
| 13 : det(A) = -5  | x = 2  | y = 4  |       |
| 14 : det(A) = 4   | x = -4 | y = 6  | z = 2 |
| 15 : det(A) = -10 | x = -3 | y = 6  | z = 4 |

Matrices02 Answers for No.9491

ExerciseMatrices02 Answers for No.9491

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|-----------------------------|------------------------------|
| 01 : det(A) = 20            | 02 : det(B) = -13            |
| 03 : det(C) = -82           | 04 : det(D) = -29            |
| 05 : det(E) = -64           | 06 : det(F) = 9              |
| 07 : m*det(C)-det(pE) = 430 | 08 : det(m*D)-p*det(F) = -47 |
| 09 : x = 4                  | 10 : y = 2                   |

$$No11 = \left( \text{Inv}(G) = \begin{bmatrix} \frac{5}{23} & \frac{2}{23} \\ \frac{-4}{23} & \frac{3}{23} \end{bmatrix} \right), \begin{bmatrix} \\ \\ \end{bmatrix}$$

- |                  |        |        |        |
|------------------|--------|--------|--------|
| 12 : det(A) = 6  | x = 8  | y = -4 |        |
| 13 : det(A) = 9  | x = 6  | y = -2 |        |
| 14 : det(A) = 5  | x = 2  | y = 8  | z = 3  |
| 15 : det(A) = -1 | x = -4 | y = 3  | z = -8 |

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