

Matrices02 Answers for No.9884

ExerciseMatrices02 Answers for No.9884

- 01 : det(A) = 8
- 02 : det(B) = -16
- 03 : det(C) = 2
- 04 : det(D) = 40
- 05 : det(E) = 22
- 06 : det(F) = -70
- 07 : m*det(C)-det(pE) = -586
- 08 : det(m*D)-p*det(F) = 850
- 09 : x = 3
- 10 : y = 4

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

- 12 : det(A) = 6 x = -2 y = 8
- 13 : det(A) = 16 x = -6 y = -7
- 14 : det(A) = 11 x = -2 y = 8 z = 3
- 15 : det(A) = 8 x = 5 y = -6 z = 4

Matrices02 Answers for No.9885

ExerciseMatrices02 Answers for No.9885

- 01 : det(A) = -11
- 02 : det(B) = 19
- 03 : det(C) = -6
- 04 : det(D) = 163
- 05 : det(E) = -90
- 06 : det(F) = 56
- 07 : m*det(C)-det(pE) = 78
- 08 : det(m*D)-p*det(F) = 596
- 09 : x = -3
- 10 : y = -4

$$No11 = \left(\text{Inv}(G) = \begin{bmatrix} \frac{1}{7} & \frac{-3}{35} \\ \frac{1}{7} & \frac{4}{35} \end{bmatrix} \right), \begin{bmatrix} \\ \end{bmatrix}$$

- 12 : det(A) = -9 x = -7 y = -4
- 13 : det(A) = -11 x = -6 y = 8
- 14 : det(A) = 2 x = 3 y = -4 z = -2
- 15 : det(A) = 1 x = -3 y = -7 z = 5

Matrices02 Answers for No.9895

ExerciseMatrices02 Answers for No.9895

- 01 : det(A) = 17
- 02 : det(B) = -23
- 03 : det(C) = -104
- 04 : det(D) = 40
- 05 : det(E) = 36
- 06 : det(F) = 38
- 07 : m*det(C)-det(pE) = -1388
- 08 : det(m*D)-p*det(F) = 526
- 09 : x = 3
- 10 : y = 4

$$No11 = \left(\text{Inv}(G) = \begin{bmatrix} \frac{-2}{5} & \frac{3}{10} \\ \frac{1}{5} & \frac{-2}{5} \end{bmatrix} \right), \begin{bmatrix} \\ \end{bmatrix}$$

- 12 : det(A) = 16 x = -3 y = 4
- 13 : det(A) = -2 x = 3 y = 6
- 14 : det(A) = -9 x = -2 y = 5 z = -3
- 15 : det(A) = -3 x = -2 y = 6 z = -7

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Matrices02 Answers for No.10914

ExerciseMatrices02 Answers for No.10914

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| 01 : det(A) = -22 | 02 : det(B) = -23 |
| 03 : det(C) = -43 | 04 : det(D) = 37 |
| 05 : det(E) = -55 | 06 : det(F) = 24 |
| 07 : m*det(C)-det(pE) = 1399 | 08 : det(m*D)-p*det(F) = 76 |
| 09 : x = -2 | 10 : y = 3 |

$$No11 = \left(\text{Inv}(G) = \begin{bmatrix} \frac{3}{19} & \frac{2}{19} \\ \frac{2}{19} & \frac{-5}{19} \end{bmatrix} \right), \begin{bmatrix} \\ \end{bmatrix}$$

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|-------------------|--------|--------|--------|
| 12 : det(A) = -19 | x = 2 | y = 7 | |
| 13 : det(A) = -2 | x = -8 | y = -3 | |
| 14 : det(A) = 10 | x = 2 | y = -5 | z = -8 |
| 15 : det(A) = 2 | x = -3 | y = -2 | z = -6 |

Matrices02 Answers for No.10945

ExerciseMatrices02 Answers for No.10945

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|------------------------------|------------------------------|
| 01 : det(A) = 19 | 02 : det(B) = 21 |
| 03 : det(C) = 3 | 04 : det(D) = -26 |
| 05 : det(E) = -110 | 06 : det(F) = -116 |
| 07 : m*det(C)-det(pE) = 2976 | 08 : det(m*D)-p*det(F) = 244 |
| 09 : x = 4 | 10 : y = -2 |

$$No11 = \left(\text{Inv}(G) = \begin{bmatrix} \frac{-3}{19} & \frac{-2}{19} \\ \frac{-5}{19} & \frac{3}{19} \end{bmatrix} \right), \begin{bmatrix} \\ \end{bmatrix}$$

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|------------------|--------|--------|--------|
| 12 : det(A) = 1 | x = 3 | y = -8 | |
| 13 : det(A) = 17 | x = -5 | y = -7 | |
| 14 : det(A) = -9 | x = 2 | y = -4 | z = -8 |
| 15 : det(A) = 10 | x = 8 | y = 2 | z = -3 |

Matrices02 Answers for No.10954

ExerciseMatrices02 Answers for No.10954

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|-----------------------------|-------------------------------|
| 01 : det(A) = 15 | 02 : det(B) = 22 |
| 03 : det(C) = 30 | 04 : det(D) = -60 |
| 05 : det(E) = -27 | 06 : det(F) = -12 |
| 07 : m*det(C)-det(pE) = 789 | 08 : det(m*D)-p*det(F) = -204 |
| 09 : x = 4 | 10 : y = 3 |

$$No11 = \left(\text{Inv}(G) = \begin{bmatrix} 1 & \frac{-5}{3} \\ -1 & \frac{4}{3} \end{bmatrix} \right), \begin{bmatrix} \\ \end{bmatrix}$$

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|-------------------|--------|--------|--------|
| 12 : det(A) = -27 | x = -7 | y = 8 | |
| 13 : det(A) = 30 | x = 3 | y = 2 | |
| 14 : det(A) = -5 | x = 3 | y = -2 | z = -8 |
| 15 : det(A) = 16 | x = -2 | y = -3 | z = -8 |

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