

## Answers to Matrix Multiplication (ID: 1)

$$1) \begin{bmatrix} -11 & -23 & 24 \end{bmatrix}$$

$$2) \begin{bmatrix} 20 & 28 \\ -30 & -22 \\ 0 & -8 \end{bmatrix}$$

$$3) \begin{bmatrix} -28 & -6 & 22 \\ -8 & -18 & 2 \end{bmatrix}$$

$$4) \begin{bmatrix} 18 & -18 \\ -18 & 48 \end{bmatrix}$$

$$5) \begin{bmatrix} -36 & 22 & 14 \\ -14 & 29 & 17 \end{bmatrix}$$

6) Undefined

7) Undefined

$$8) \begin{bmatrix} 12 & -2 \\ -42 & 20 \end{bmatrix}$$