

Виконати дії над матрицями: 3А-2В

$$1. A = \begin{pmatrix} 5 & -7 & 0 \\ -3 & 1 & 0 \\ 12 & 6 & -3 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$2. A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$3. A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 6 & 3 \\ -1 & 0 & 1 \\ 1 & 2 & -1 \end{pmatrix}$$

$$4. A = \begin{pmatrix} 3 & 1 & 0 \\ -4 & -1 & 0 \\ 4 & -8 & -2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & 4 & 2 \\ 2 & -1 & -3 \\ 1 & 5 & 1 \end{pmatrix}$$

$$5. A = \begin{pmatrix} 5 & 3 & -1 \\ 2 & -1 & 0 \\ 1 & 3 & 2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}$$

$$6. A = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}, \quad B = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}$$

$$7. A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$8. A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$9. A = \begin{pmatrix} 5 & -7 & 0 \\ -3 & 1 & 0 \\ 12 & 6 & -3 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$10. A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$11. \quad A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 6 & 3 \\ -1 & 0 & 1 \\ 1 & 2 & -1 \end{pmatrix}$$

$$12. \quad A = \begin{pmatrix} 3 & 1 & 0 \\ -4 & -1 & 0 \\ 4 & -8 & -2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & 4 & 2 \\ 2 & -1 & -3 \\ 1 & 5 & 1 \end{pmatrix}$$

$$13. \quad A = \begin{pmatrix} 5 & 3 & -1 \\ 2 & -1 & 0 \\ 1 & 3 & 2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}$$

$$14. \quad A = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}, \quad B = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}$$

$$15. \quad A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$16. \quad A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$17. \quad A = \begin{pmatrix} 5 & -7 & 0 \\ -3 & 1 & 0 \\ 12 & 6 & -3 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$18. \quad A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$19. \quad A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 6 & 3 \\ -1 & 0 & 1 \\ 1 & 2 & -1 \end{pmatrix}$$

$$20. \quad A = \begin{pmatrix} 3 & 1 & 0 \\ -4 & -1 & 0 \\ 4 & -8 & -2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & 4 & 2 \\ 2 & -1 & -3 \\ 1 & 5 & 1 \end{pmatrix}$$

$$21. \quad A = \begin{pmatrix} 5 & 3 & -1 \\ 2 & -1 & 0 \\ 1 & 3 & 2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}$$

$$22. \quad A = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}, \quad B = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}$$

$$23. \quad A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$24. \quad A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$25. \quad A = \begin{pmatrix} 5 & 3 & -1 \\ 2 & -1 & 0 \\ 1 & 3 & 2 \end{pmatrix}, \quad B = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}$$

$$26. \quad A = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}, \quad B = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}$$

$$27. \quad A = \begin{pmatrix} 4 & -5 & 7 \\ 1 & -4 & 9 \\ -4 & 0 & 5 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$28. \quad A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$

$$29. \quad A = \begin{pmatrix} 5 & -7 & 0 \\ -3 & 1 & 0 \\ 12 & 6 & -3 \end{pmatrix}, \quad B = \begin{pmatrix} 5 & 0 & 21 \\ 21 & 2 & 16 \\ 1 & 0 & 1 \end{pmatrix}$$

$$30. \quad A = \begin{pmatrix} 3 & -2 & -1 \\ 1 & 3 & 2 \\ 5 & -2 & 4 \end{pmatrix}, \quad B = \begin{pmatrix} 2 & -1 & 3 \\ 1 & -2 & -5 \\ 4 & 3 & -2 \end{pmatrix}$$