

A diagram illustrating a matrix multiplication equation. On the left is a vertical rectangular box containing the variable  $\mathbf{x}$ . To its right is an equals sign. Next is a horizontal rectangular box containing the expression  $\mathbf{U}_1 \dots \mathbf{U}_B$ . Below this box is the dimension label  $D \times (B \cdot D)$ . To the right of the horizontal box is a dot, followed by a tall vertical rectangular box containing the variable  $\mathbf{z}$ .

$$\mathbf{x} = \mathbf{U}_1 \dots \mathbf{U}_B \cdot \mathbf{z}$$

$D \times (B \cdot D)$