

Name _____

Date _____

Multiply Matrices by Scalars to Produce New Matrices - Step-by-Step Lesson

1. Fill in the missing number.

$$3 \begin{bmatrix} 3 \\ 5 \end{bmatrix} = \begin{bmatrix} 9 \\ ? \end{bmatrix}$$



Explanation:

We have to multiply the matrix in order to fill in the missing number.

The missing number is in row 2 of column 1.

The missing number is the product of : 3 (5), which is 15.

$$3 \begin{bmatrix} 3 \\ 5 \end{bmatrix} = \begin{bmatrix} 9 \\ 15 \end{bmatrix}$$

