

MATRIX MULTIPLICATION

1. State the dimensions of each matrix.

$$A = \begin{bmatrix} 3 & 2 \\ 4 & 5 \end{bmatrix} \quad B = \begin{bmatrix} 4 & 6 & 7 \\ 2 & 3 & 8 \end{bmatrix}$$

2. Can we multiply $A \times B$? Can we multiply $B \times A$?