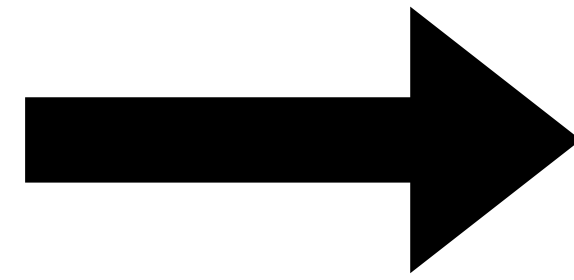


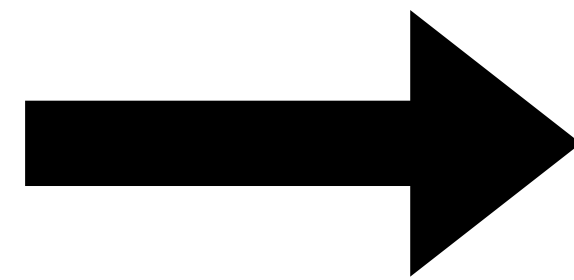
Replacement

$$\begin{array}{l} 2x + 3y = -6 \\ 4x - 5y = 10 \end{array}$$



$$\begin{array}{l} 2x - 3y = -6 \\ 6x - 2y = 4 \end{array}$$

$$\begin{bmatrix} 2 & 3 & -6 \\ 4 & -5 & 10 \end{bmatrix}$$



$$\begin{bmatrix} 2 & 3 & -6 \\ 6 & -2 & 4 \end{bmatrix}$$

Question

*Describe how to perform substitution
(substituting a variable in one equation with
the its value in another equation) via row
operations*