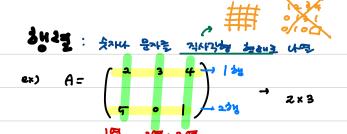
- 1. 건항하다 2. 자주/소고항무
- a. ४५/३५५ ७. ४४% र
- 4. etc.

\* Polymomial function \*

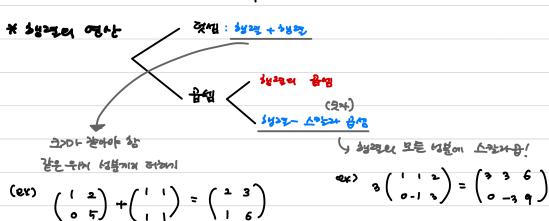
1. Amean equation (
$$\frac{9}{3}$$
) Herrisqui,

 $2x - 3 = -6x + 18$ 
 $2x + 5x = (8 + 3)$ 
 $7x = 21$ 
 $x = 3$ 

$$x = 3$$



\* 생명의 크기 : 생 개수 × 명 개수



## 🕈 행렬의 🔒 🖊

SHEE Aman, Boxq on EHELOH



3. **급하는 방법?** A의 생과 B의 역문 &!

ex) 
$$A = \begin{pmatrix} 1 & 2 \\ 0 & 3 \end{pmatrix}$$
  $B = \begin{pmatrix} 1 & 2 & -1 \\ 0 & 3 & 2 \end{pmatrix}$ 

$$A = \begin{pmatrix} 1 & 2 \\ 0 & 3 \end{pmatrix} \qquad B = \begin{pmatrix} 1 & 2 & -1 \\ 0 & 3 & 2 \end{pmatrix} \qquad (x_1 + 2x_0 = 1)$$

$$AB = \begin{pmatrix} 1 & 9 & 3 \\ 0 & q & 6 \end{pmatrix}$$

$$\begin{pmatrix}
1 & 2 & 0 & 4 \\
3 & 1 & 5 & 7
\end{pmatrix}
\begin{pmatrix}
-1 & 1 & 0 \\
2 & ( & 1 \\
3 & 1 & 2 \\
4 & 3 & 1
\end{pmatrix}$$

$$\begin{cases} 2\pi_{1} + 9\pi_{1} = 2 \\ 3\pi_{1} - 5\pi_{2} = -16 \end{cases} \Rightarrow \begin{bmatrix} 2 & 3 \\ 3 & -5 \end{bmatrix} \begin{bmatrix} \pi_{1} \\ \pi_{2} \end{bmatrix} = \begin{bmatrix} 2 \\ -16 \end{bmatrix}$$

$$\begin{bmatrix} 3 & 1 & -1 \\ -2 & 0 & 3 \\ 0 & -1 & -1 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} = \begin{bmatrix} 6 \\ -1 \\ -2 \end{bmatrix}$$

## 아무선 어린한 여성일자 바라이의 풀이

1. 연설및 사방에 나 청가 생물

, (Reduced) Row Echelon Form.

2. >1世出版 → G(of) 北 KH244 注 智EH Elementary Row operation

## Elementary Row Operation (7148/10372)

1. 서로 다른 두 행의 위치를 바꾼다.

2. 社 skon 五分以(元本) 是 世代本

d. " में भेज परे केंग अभ्यहम .

$$37_{1} + 72 - 73 = 6$$

$$-27_{1} + 37_{2} = -1$$

$$-7_{2} - 7_{2} = -2$$

1. 서도 다른 특성의 위치를 태꾼사. ; 나는 눈에만 따꾸

$$\begin{bmatrix} 3 & 1 & -1 & 6 \\ -2 & 0 & 3 & -1 \\ 0 & -1 & -1 & -2 \end{bmatrix}$$

$$\begin{bmatrix} 3 & 1 & -1 & 6 \\ 0 & -1 & -1 & -2 \\ -2 & 0 & 3 & -1 \end{bmatrix}$$

$$3\pi + 3\pi = -2$$
 $-3\pi + 3\pi = -2$ 
 $-3\pi + 3\pi = -2$ 
 $-3\pi + 3\pi = -2$ 
 $-3\pi + 3\pi = -2$ 

2. 处数m 成次 (分外) 是 量於外;故与m 含率 5水分(均如x)。

$$\begin{bmatrix} 3 & 1 & -1 & 6 \\ -2 & 0 & 3 & -1 \\ 0 & -1 & -1 & -2 \end{bmatrix} \longrightarrow \begin{bmatrix} 3 & 1 & -1 & 6 \\ -4 & 0 & 6 & -2 \\ 0 & -1 & -1 & -2 \end{bmatrix}$$

$$3\pi + \pi = \pi = 6$$
 $-3\pi + \pi = \pi = 6$ 
 $-3\pi + \pi = \pi = 6$ 



उ. के क्षणा करेंक (देन) है स्क्रीन पह क्षण क्षकहर.

[Reduced] Pow Echelon

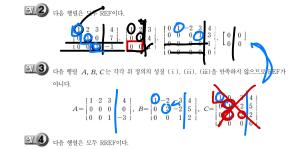
Q1, Q2, Q3 = ?

\* (기야) 상사나사 사 뜻

각 5%이저 처음으로 나오는 0이 아닌 숫자는 1이고, 이 1号 전도 1 (leading 1) ०१२५ हिस

원행의 연조 1보다 오는쪽이 있다

4. 忆又 10 写此 叹此 UPA 的是是 모두 0°124.



$$x_1 + 2x_2 - x_3 = 1$$
(e)  $2x_1 + x_2 + 2x_3 = 3$ 
 $x_1 - 4x_2 + 7x_3 = 4$ 

(e) 
$$2x_1 + x_2 + 2x_3 = 3$$
 $x_1 - 4x_2 + 7x_3 = 4$ 

$$\begin{bmatrix}
0 & -1 & | & 7 & -2 & -4 & 2 & | & -2 \\
0 & -3 & 4 & | & 7 & 2 & | & -2 & | & -2 \\
0 & -3 & 4 & | & 7 & 2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | & -2 & | &$$

 $x_1 + 2x_2 - x_3 = 1$ 

UCIII.

$$x_1 + 2x_2 - x_3 = 5$$

$$x_1 + x_2 + x_3 = 1$$

$$2x_1 - 2x_2 + x_3 = 4$$

$$x_1 + x_2 + x_3 = 1$$

$$2x_1 - 2x_2 + x_3 = 4$$
of  $n$  linear equations in  $n$  ure

$$x_1 + x_2 + x_3 = 1$$

$$2x_1 - 2x_2 + x_3 = 4$$

$$x_1 + x_2 + x_3 = 1$$
$$2x_1 - 2x_2 + x_3 = 4$$

$$x_1 + x_2 + x_3 = 1$$
  
$$x_1 - 2x_2 + x_3 = 4$$

