## STACK - Yhtalo

1) 
$$10x + 9 = 1x + 4$$
  
 $10x - 1x = 4 - 9$   
 $9x = -5$  ||:9  
 $x = -\frac{5}{9}$   
2)  $11x - H = Mx + 6$   
 $11x - Mx = 6 + H$  ||: 11-M  
 $11x - Mx = \frac{6 + H}{11 - 11}$ 

3) 
$$\frac{6x}{2+5} = \frac{3}{6}$$
  
 $36x = 3x+15$   
 $36x-3x-75$ 

$$2x = 3x + 15$$

$$2x - 7 - 4x = 20x + 4$$

$$2x - 7 - 10 - 75$$

$$3x - 15 = 10 - 73$$

$$2x - \frac{75}{33} = \frac{5}{10}$$

$$2x - \frac{71}{33} = -0.68$$

 $\frac{27}{V} = a$ 

$$\begin{array}{c} \chi - \frac{75}{33} = \frac{5}{11} \\ \end{array}$$

$$\begin{array}{c} 4)(-3) - 2x = 7 - \frac{8 - x}{2} \quad || \cdot 2| \\ 4x - 3 - 2x = 74 - 8 + x \\ 4x - 2x - x = 74 - 8 + 3 \\ 2 = 15 \end{array}$$

7) 
$$B = \frac{4\pi}{b+e}$$
 8)  $E = \frac{AG}{J+nk}$  B(b+e) =  $4\pi$  E(J+nk) =  $AG$ 

$$b = \frac{4\pi - Bc}{B}$$

$$= \frac{4\pi}{B}$$

$$= \frac{4\pi}{B} - C$$

4) 
$$\frac{8x-7}{4}-x=5x+\frac{3}{3}$$
 11.4

$$-4x = 20x + 4$$

$$x - 20x = 4 + 7$$

$$-76x = 71 | 11 - 76$$

$$\lambda = -\frac{71}{16} = -0.6875 \approx -0.688$$

$$\frac{2T}{V} = aV \qquad | 11:V$$

$$EJ+Enk=nG$$

$$E_J = nG - E_{nk}$$
  
 $E_J = n(G - E_k)$