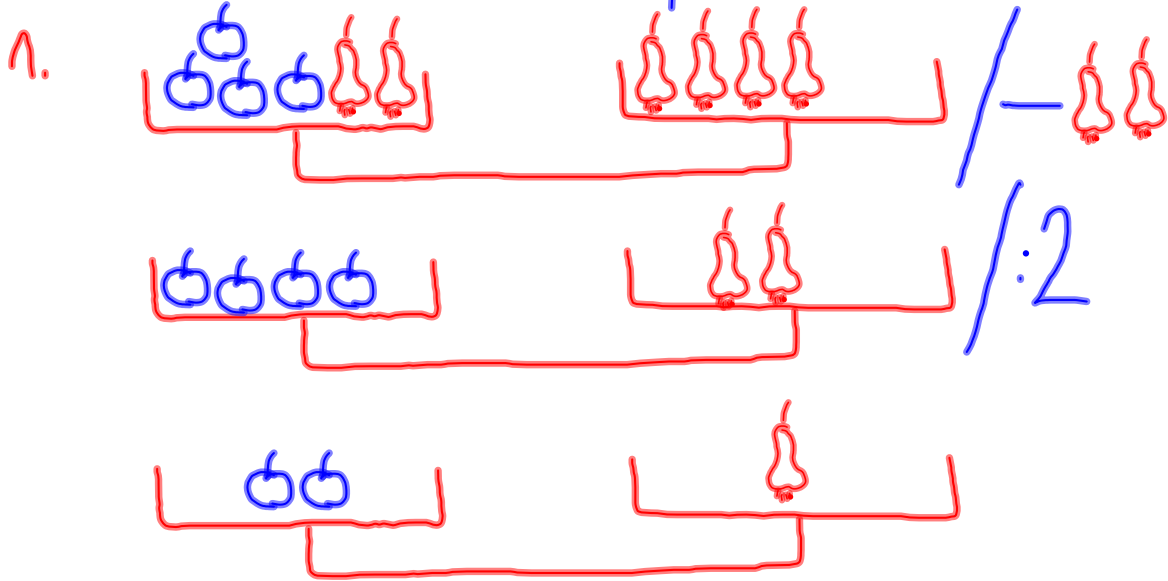


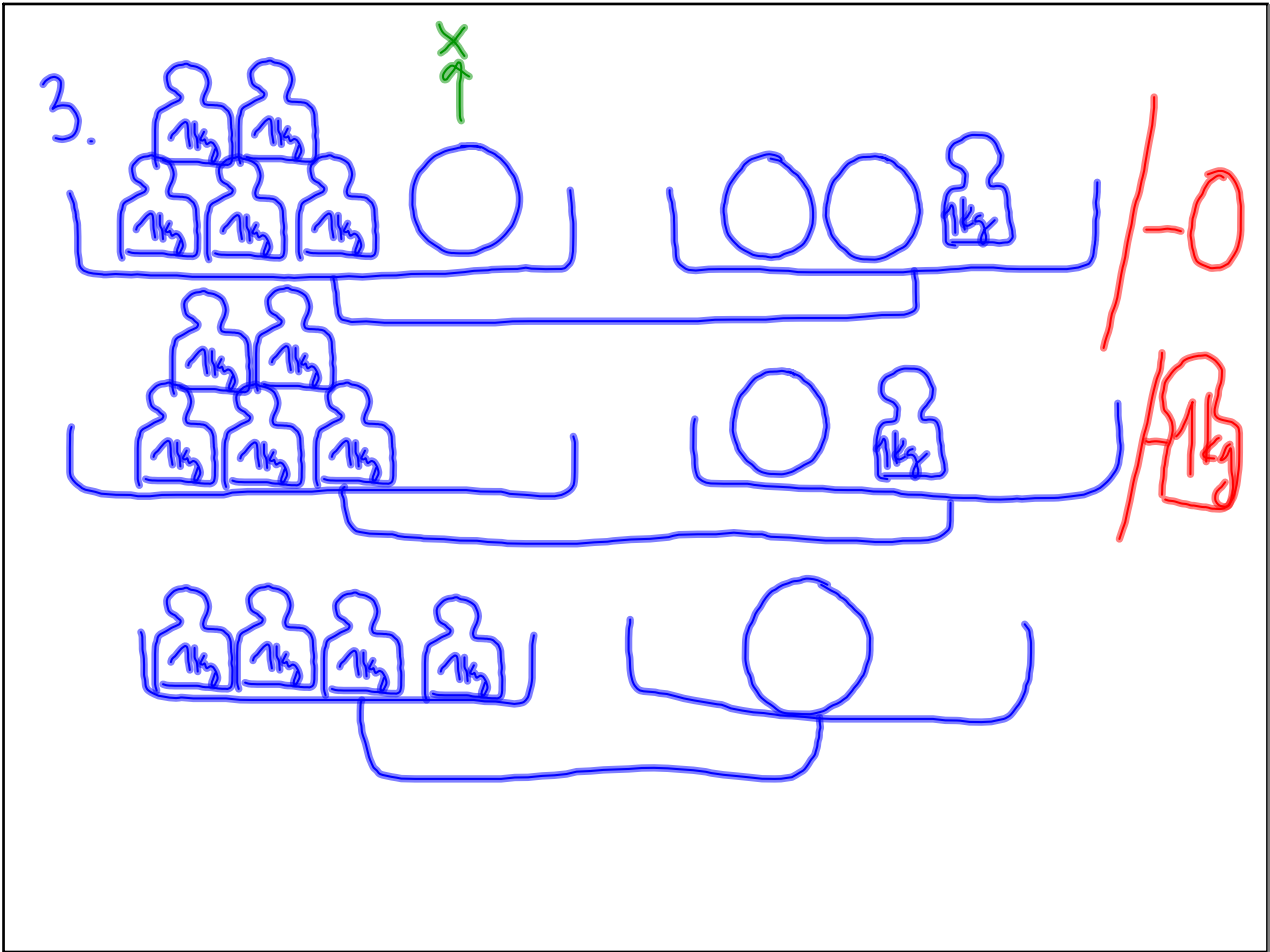
# Egyenletek, egyenlőségek 1.6.



2.  $4a + 2k = 4k$   $\div -2k$

$4a = 2k$   $\div :2$

$2a = k$



$$\begin{aligned}
 b, \quad 5 + X &= 2X + 1 & / -X \\
 5 &= X + 1 & / -1 \\
 \underline{4} &= X \quad \checkmark \text{ ;}
 \end{aligned}$$

$$\begin{aligned}
 \text{ell.: } b.o. &= 5 + 4 = 9 \\
 j.o. &= 2 \cdot 4 + 1 = 9
 \end{aligned}$$

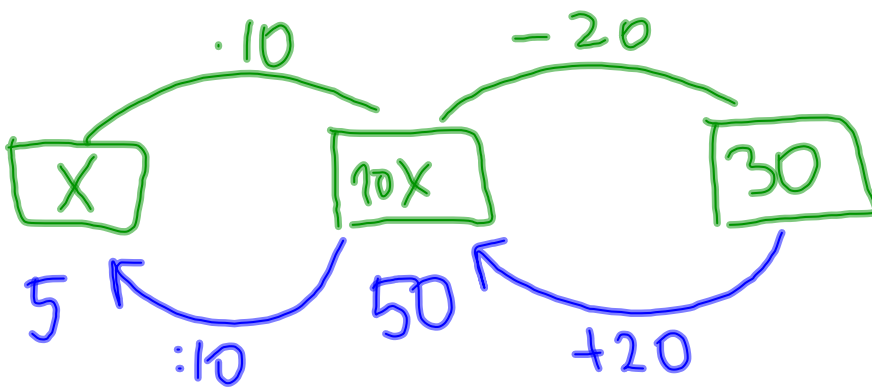
4.

$$10X - 20 = 30 \quad / +20$$

$$10X = 50 \quad / :10$$

$$\underline{\underline{X = 5}}$$

Ell.: b.o. =  $10 \cdot 5 - 20 = 30$   
j.o. = 30



5.

$$\begin{aligned} 100 - 2X &= 40 + 3X & / +2X \\ 100 &= 40 + 5X & / -40 \\ 60 &= 5X & / :5 \\ \underline{12} &= \underline{X} \end{aligned}$$

Ell: b.o.

$$100 - \frac{2 \cdot 12}{24} = \underline{76}$$

$$\begin{aligned} \text{jo: } 40 + 3 \cdot 12 &= \\ &= \underline{76} \end{aligned}$$

JK :

TK: 119. / 1.  
2 a, e  
7. a, b

SZORB:  
119 heit wery