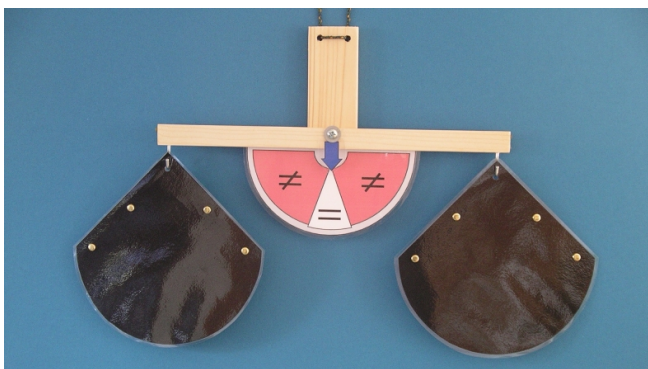


# Gleichungen

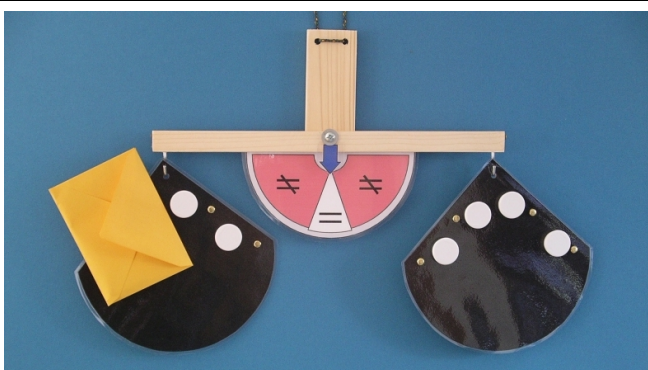
$$0 = 0$$



$$4 = 4$$

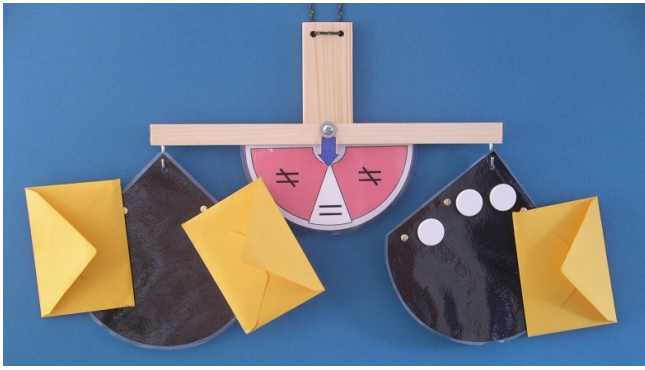


$$x + 2 = 4$$



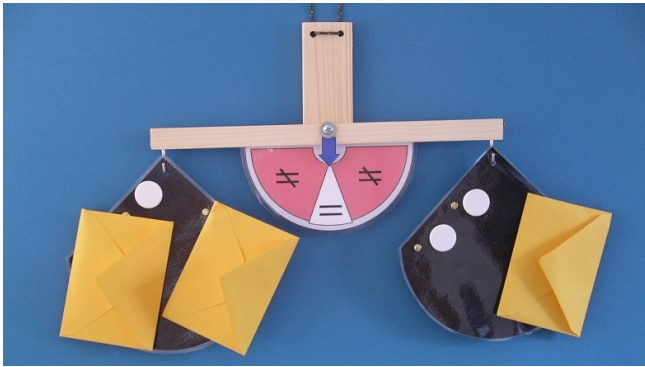
$$\begin{array}{rcl} x + 2 & = & 4 \quad | -2 \\ x & = & 2 \end{array}$$

$$2x = 3 + x$$



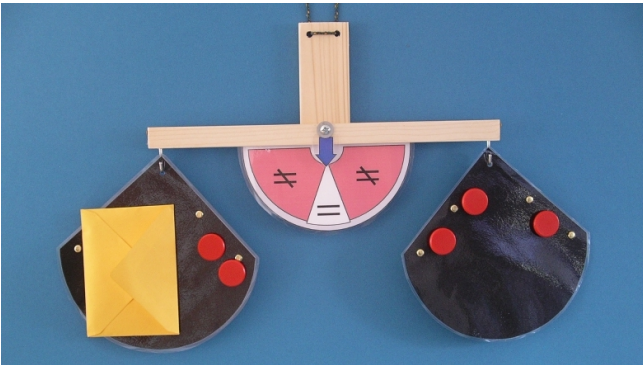
$$\begin{array}{rcl} 2x & = & x + 3 \quad | -x \\ x & = & 3 \end{array}$$

$$1 + 2x = 2 + x$$



$$\begin{array}{rcl} 1 + 2x & = & 2 + x \quad | -1 \\ 2x & = & 1 + x \quad | -x \\ x & = & 1 \end{array}$$

|                                                                                   |                                                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| $2 + 2x = 8$                                                                      | $\begin{array}{rcl} 2 + 2x & = & 8 \quad   -2 \\ 2x & = & 6 \quad   :2 \\ x & = & 3 \end{array}$ |
|  |                                                                                                  |
| <input type="radio"/>                                                             | <input checked="" type="checkbox"/> <input type="radio"/> <input type="radio"/>                  |

|                                                                                    |                                                                          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| $x - 2 = -3$                                                                       | $\begin{array}{rcl} x - 2 & = & -3 \quad   +2 \\ x & = & -1 \end{array}$ |
|  |                                                                          |
| <input checked="" type="radio"/>                                                   | <input checked="" type="checkbox"/> <input type="radio"/>                |

|                                                                                     |                                                                                                                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $x - 2 = 0$                                                                         | $\begin{array}{rcl} x - 2 & = & 0 \quad   +2 \\ x & = & 2 \end{array}$                                                                                                  |
|  |                                                                                                                                                                         |
| <input type="radio"/>                                                               | <input checked="" type="checkbox"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/> |

$$x - 4 = -3$$



$$\begin{array}{rcl} x - 4 & = & -3 \quad | +4 \\ x & = & 1 \end{array}$$