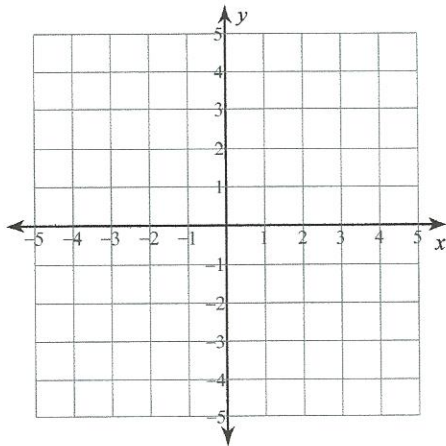


## LGS - TEST

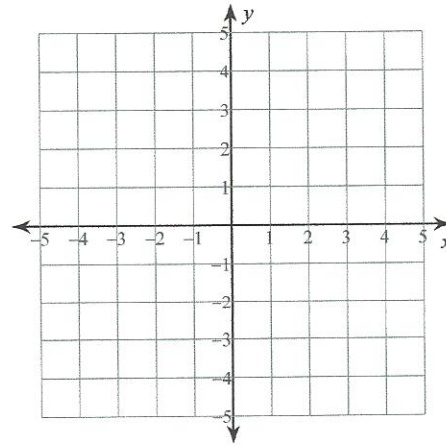
Name \_\_\_\_\_ Datum \_\_\_\_\_

## Löse Gleichungssysteme graphisch!

$$1) \begin{cases} x + y = -3 \\ 5x - 2y = -8 \end{cases}$$



$$2) \begin{cases} y = \frac{3}{2}x - 1 \\ y = \frac{1}{2}x + 1 \end{cases}$$



## Löse Gleichungssysteme mit dem passenden Verfahren!

$$3) \begin{cases} -6x - y = -12 \\ -12x + 6y = 24 \end{cases}$$

$$4) \begin{cases} x + 2y = -12 \\ 10x - 8y = -8 \end{cases}$$

$$5) \begin{cases} 2x + 14y = -18 \\ -7x + 7y = 7 \end{cases}$$

$$6) \begin{cases} 3x - 7y = -8 \\ 5x - 14y = -25 \end{cases}$$

$$7) \begin{cases} 9x - 5y = 30 \\ 3x - 5y = 0 \end{cases}$$

$$8) \begin{cases} -9x + 12y = 12 \\ 5x - 6y = -10 \end{cases}$$

$$9) \begin{cases} -8x - 5y = 16 \\ -3x - 2y = 7 \end{cases}$$

$$10) \begin{cases} 5x + 3y = 7 \\ -6x - 3y = -3 \end{cases}$$

$$11) \begin{cases} y = -8 \\ y = x - 9 \end{cases}$$

$$12) \begin{cases} -8x + 5y = 8 \\ y = -3x + 20 \end{cases}$$

$$13) \begin{cases} -4x + 6y = -6 \\ 3x + y = -12 \end{cases}$$

$$14) \begin{cases} -8x - 4y = 0 \\ y = -8 \end{cases}$$

$$15) \begin{cases} 7x - 4y = 9 \\ -x - y = -6 \end{cases}$$

$$16) \begin{cases} 8x - y = 7 \\ 5x + 8y = 13 \end{cases}$$