

systems of equations by graphing

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Solve each system by graphing.

$$1) \begin{cases} y = \frac{7}{2}x + 4 \\ y = -\frac{1}{2}x - 4 \end{cases}$$

$$2) \begin{cases} y = -\frac{1}{4}x - 2 \\ y = \frac{5}{4}x + 4 \end{cases}$$

$$3) \begin{cases} y = \frac{3}{2}x - 4 \\ y = -\frac{5}{2}x + 4 \end{cases}$$

$$4) \begin{cases} y = -\frac{1}{2}x + 4 \\ y = 2x - 1 \end{cases}$$

$$5) \begin{cases} x - y = 2 \\ x = -2 \end{cases}$$

$$6) \begin{cases} x + 2y = 6 \\ 7x + 2y = -6 \end{cases}$$

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

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

$$9) \begin{cases} -2x = -18 + 6y \\ 15x - 27 - 9y = 0 \end{cases}$$

$$10) \begin{cases} -\frac{5}{2}x = -y - 2 \\ -\frac{1}{4}x + \frac{1}{2}y = 1 \end{cases}$$

$$11) \begin{cases} 2x + 4y = -4 \\ x - 16 = 4y \end{cases}$$

$$12) \begin{cases} x = 4y + 12 \\ -12 + 6y = 9x \end{cases}$$