

# 5.3A Solving Systems by Substitution

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Name \_\_\_\_\_

Due Date \_\_\_\_\_

Period \_\_\_\_\_

Solve each system by substitution.

$$1) \begin{aligned} -4x + 3y &= -7 \\ y &= -1 \end{aligned}$$

$$2) \begin{aligned} 5x + 3y &= 6 \\ y &= 7 \end{aligned}$$

$$3) \begin{aligned} 5x - y &= 10 \\ y &= x - 2 \end{aligned}$$

$$4) \begin{aligned} -x - 7y &= 20 \\ y &= 2x - 5 \end{aligned}$$

$$5) \begin{aligned} 3x + 8y &= -7 \\ y &= 2x + 11 \end{aligned}$$

$$6) \begin{aligned} y &= x - 1 \\ -2x - 6y &= 22 \end{aligned}$$

$$7) \begin{aligned} y &= -7x + 18 \\ 6x + 7y &= -3 \end{aligned}$$

$$8) \begin{aligned} -7x - 5y &= -8 \\ y &= x + 4 \end{aligned}$$

$$9) \begin{aligned} y &= -3x + 16 \\ y &= x \end{aligned}$$

$$10) \begin{aligned} y &= -5x - 19 \\ y &= 3x + 21 \end{aligned}$$