

Name _____

Date _____ Pd. _____

Notes: Elimination Using Multiplication Day 1

Example 1 Use elimination to solve the system of equations.

$$x + 10y = 3$$

$$4x + 5y = 5$$

Example 2 Use elimination to solve the system of equations.

$$3x - 2y = -7$$

$$2x - 5y = 10$$

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Exit Card: Elimination Using Multiplication Day 1

Look at the system of equations below.

$$2x - 3y = 11$$

$$x + 6y = -2$$

Which of the following ordered pairs is a solution of this system?

- F.** (7,1) **G.** (4,1) **H.** (4,-1) **J.** (7,-1)

Look at the system of equations below.

$$2x + 5y = 10$$

$$4x + 10y = 20$$

How many solutions are there to this system?

- A.** none **B.** exactly one **C.** exactly two **D.** infinitely many

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13.
$$\begin{cases} -5x + 3y = 6 \\ x - y = 4 \end{cases}$$

14.
$$\begin{cases} x + y = 3 \\ 2x - 3y = 16 \end{cases}$$

15.
$$\begin{cases} 2x + y = 5 \\ 3x - 2y = 4 \end{cases}$$