Algebra 1B: Mrs. Tilus Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 6- Day 5: Solving System of Equations using Elimination Worksheet

Solve each system of equations using elimination/linear combination.

 1. $\begin{matrix}x+y=19\\x-y=7\end{matrix}$ 2. $\begin{matrix}-5x+2y=-17\\5x+3y=-13\end{matrix}$

 3. $\begin{matrix}8x+6y=2\\2x-y=23\end{matrix}$ 4. $\begin{matrix}x+5y=19\\x+2y=10\end{matrix}$

 5. $\begin{matrix}7x+3y=8\\5x-4y=-25\end{matrix}$ 6. $\begin{matrix}6x+14y=0\\y=2x-17\end{matrix}$

 7. $\begin{matrix}6x+10y=4\\5y=-3x+12\end{matrix}$ 8. $\begin{matrix}11x+2y=27\\21x+3y=-9\end{matrix}$

 9. $\begin{matrix}–x-y=6\\7x-3y=18\end{matrix}$ 10. $\begin{matrix}2x+8y=6\\-5x-20y=-15\end{matrix}$