Special Solutions Worksheet Name:_____

Solve the solution of the following systems using any method you choose.

1. $\begin{aligned} 2x+8y&=6 \\ -5x-20y&=-15 \end{aligned}$

2. $\begin{aligned} x+3y&=1 \\ -3x-3y&=-15 \end{aligned}$

3. $\begin{aligned} -3x+3y&=4 \\ y&=3+x \end{aligned}$

4. $\begin{aligned} 3+2x-y&=0 \\ -3-7y&=10x \end{aligned}$

5. $\begin{aligned} \frac{1}{2}x-\frac{4}{5}y&=8 \\ 5x-8y&=50 \end{aligned}$

6. $\begin{aligned} \frac{2}{3}x+\frac{1}{6}y&=2 \\ 4x+y&=12 \end{aligned}$

7. Write a system of equations with the solution of $(4,-3)$ **hint try graphing**

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