

Name _____
Alg1

February 11, 2020
Substitution Punishment

1) $y = 4x - 13$
 $6x - 5y = 58$

2) $x = 4y + 32$
 $5x - 8y = 40$

Answer key: 1) $(\frac{1}{2}, -11)$ 2) $(-8, -10)$ 3) $(-\frac{3}{4}, 16)$ 4) $(-3, 0)$ 5) $(-1, -10.5)$ 6) $(-13, 15)$

Name _____
Alg1

February 11, 2020
Substitution Punishment

3) $y = 8x + 22$
 $12x - 5y = -89$

4) $12x - 7y = -36$
 $4x + y = -12$

Answer key: 1) $(\frac{1}{2}, -11)$ 2) $(-8, -10)$ 3) $(-\frac{3}{4}, 16)$ 4) $(-3, 0)$ 5) $(-1, -10.5)$ 6) $(-13, 15)$

Name _____
Alg1

February 11, 2020
Substitution Punishment

$$5) \begin{aligned} x - 8y &= 84 \\ 11x + 6y &= -74 \end{aligned}$$

$$6) \begin{aligned} 3y - 58 &= x \\ 3x - 7y &= -144 \end{aligned}$$

Answer key: 1) $(\frac{1}{2}, -11)$ 2) $(-8, -10)$ 3) $(-\frac{3}{4}, 16)$ 4) $(-3, 0)$ 5) $(-1, -10.5)$ 6) $(-13, 15)$