



Name: \_\_\_\_\_

Date: \_\_\_\_\_

Fresh  
Math

## Systems medium Test

$$\begin{aligned} 1. \quad x + y &= 3 \\ 5x + 4y &= 23 \end{aligned}$$

$$\begin{aligned} 5. \quad 3x + 6y &= 18 \\ 4x - 5y &= 63 \end{aligned}$$

$$\begin{aligned} 2. \quad 3x + 5y &= 76 \\ 3x + 3y &= 54 \end{aligned}$$

$$\begin{aligned} 6. \quad 4x + 5y &= -26 \\ 2x - 3y &= 20 \end{aligned}$$

$$\begin{aligned} 3. \quad x + 6y &= -51 \\ 6x + 6y &= -66 \end{aligned}$$

$$\begin{aligned} 4. \quad 6x + 4y &= 6 \\ 2x + y &= 0 \end{aligned}$$



## Systems medium Test – Answer Key

1.  $x + y = 3$   
 $5x + 4y = 23$   
(11, -8)

5.  $3x + 6y = 18$   
 $4x - 5y = 63$   
(12, -3)

2.  $3x + 5y = 76$   
 $3x + 3y = 54$   
(7, 11)

6.  $4x + 5y = -26$   
 $2x - 3y = 20$   
(1, -6)

3.  $x + 6y = -51$   
 $6x + 6y = -66$   
(-3, -8)

4.  $6x + 4y = 6$   
 $2x + y = 0$   
(-3, 6)