## M10-9.5-Multiply Elimination HW

## Solve by Elimination

$y=-3 x+3$

$$
2 y=x-8
$$


$3 y=-2 x-12$
$9 y=3 x-9$
$2 y=3 x+4$
$3 y=-4 x+6$



## M10-9.5-Frac Elimination HW

Solve by Elimination
$y=3 x-2$
$\frac{y}{2}=\frac{3 x}{2}-1$

$y=-\frac{2}{3} x-4$
$y=\frac{1}{3} x-1$

$\frac{y}{2}=\frac{1}{3} x+1$
$y=x+1$


## M10-9.5-Sub/Elim Rev HW

## Solve by Substitution

$$
\begin{aligned}
& y=x+2 \\
& y=2 x
\end{aligned}
$$

$$
y=x+2
$$

$$
x+y=4
$$

$$
\begin{gathered}
x=y-1 \\
y-2 x=4
\end{gathered}
$$

$$
x+y=2
$$

$$
y-x=4
$$

$$
\begin{gathered}
2 x+y=3 \\
2 y+10=4 x
\end{gathered}
$$

## Solve by Elimination

$$
\begin{array}{r}
y+4 x=0 \\
y-x=5
\end{array}
$$

$$
\begin{aligned}
& 2 y=2 x+4 \\
& y=-2 x+5
\end{aligned}
$$

$$
\begin{gathered}
-2 x+2 y=6 \\
y=-2 x+6
\end{gathered}
$$

$$
\begin{aligned}
& 3 y+2 x=-12 \\
& 3 y+3=x
\end{aligned}
$$

$$
\begin{aligned}
y & =-3 x+3 \\
2 y & =x-8
\end{aligned}
$$

$$
\begin{aligned}
& 3 y=-2 x-12 \\
& 9 y=3 x-9
\end{aligned}
$$

$$
\begin{gathered}
y=3 x-2 \\
\frac{y}{2}=\frac{3 x}{2}-1
\end{gathered}
$$

$$
\begin{aligned}
& y=-\frac{2}{3} x-4 \\
& y=\frac{1}{3} x-1
\end{aligned}
$$

$$
y=2 x+1
$$

$$
x-y=-2
$$

$$
4 x+2 y=6
$$

$$
-8 x=-4 y-10
$$

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

$$
\begin{gathered}
-2 x+4=y \\
-2 y=-2 x-4
\end{gathered}
$$

$$
\begin{aligned}
& 2 y=3 x+4 \\
& 3 y=-4 x+6
\end{aligned}
$$

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

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

