Make this equation into slope-intercept form.
a.) $2 x+2 y=8$
$-2 x-2 x$

$$
\frac{2 y}{2}=\frac{8}{2}-\frac{2 x}{2}
$$

$$
y=4-1 x
$$

$$
\begin{aligned}
\text { b.) } 3 x+2 y=7 \\
-3 x \quad-3 x \\
2 y=\frac{7}{2}-\frac{3 x}{2} \\
y=\frac{7}{2}-\frac{3}{2} x
\end{aligned}
$$

c.)

$$
\begin{aligned}
& 4 y-x=-12 \\
& +x+x \\
& \frac{4 y}{4}=\frac{-12}{4} \frac{7 x}{4} \\
& y=-3+\frac{1}{4} x
\end{aligned}
$$

$$
\begin{aligned}
& \text { d.) }-2 x-5 y=-9 \\
& +2 x \quad+2 x
\end{aligned}
$$

$$
\frac{-5 y}{-5}=\frac{-9}{-5}+\frac{2 x}{-5}
$$

$$
y=\frac{9}{5}-\frac{2}{5} x
$$

Graph each equation in slope-intercept form.

$$
\begin{aligned}
& \begin{array}{rl}
x+y & =2 \\
-x & y=2-1 x
\end{array} \\
& m=\frac{-1}{1} \\
& b=2
\end{aligned}
$$

Graph each equation in slope-intercept form.


Graph each equation in slope-intercept form.


Graph each equation in slope-intercept form.


$$
\begin{aligned}
& \frac{5 y}{5}=-\frac{10}{5}-\frac{2 x}{5} \\
& y=-2-\frac{2}{5} x \\
& m=\frac{-2}{5} \\
& b=-?
\end{aligned}
$$

Graph each equation in slope-intercept form.

$$
\begin{aligned}
& \begin{array}{l}
\left.\begin{array}{l}
\frac{6 y}{6 y}-4 x=18 \\
+4 x+4 x
\end{array} \quad \begin{array}{l}
\frac{6 y}{6}=\frac{18}{6}+\frac{4 x}{6} \\
\frac{5}{6} \\
\frac{3}{2} \\
\frac{3}{2}
\end{array}\right)=3+\frac{2}{3} x
\end{array} \\
& m=\frac{2}{3} \\
& b=3
\end{aligned}
$$

