October 04, 2017

## Please have your homework on your desk. Calculator? Yes!

Date:
TSW graph linear equations
QRQ4: $\quad y=m x+b$
Solve each equation for " $y$ "

$$
\begin{aligned}
& y=-\frac{2}{3} x+3 \\
& \begin{array}{rl}
4 x-3 y=3 & 5 x-6 y=12 \\
+9 x & +9 x \\
\frac{-3 y}{-3}=\frac{9 x+3}{-3} & \frac{-5 x}{-6}-\frac{-6 x}{-6}=\frac{-5 x+12}{-6} \\
y & =-3 x-1
\end{array} \quad y=\frac{5}{6} x-2
\end{aligned}
$$




$$
\begin{gathered}
\text { Ex7 } \frac{2 x-8 y=16}{-\frac{-8 y}{-8}=\frac{-2 x+16}{-8}} \\
y=\frac{1}{4} x-2 \\
m=l
\end{gathered}
$$

$$
\text { Ex8 } \begin{aligned}
& \frac{3 x+4 y=12}{-3 x} \\
& \frac{4 y}{4}=\frac{-3 x+12}{4} \\
& y=\frac{-3}{4} x+3
\end{aligned}
$$

