* For $a x+b=c$ we use 2 steps to solve for variable:

IST. Add/subtract
2ND. Multiply/divide
(\#) Still use opposite operations to cancel
(Reverse BEDMAS) * same thing to BOTH sides

Ex. Solve for $x$. Check!
(1)

$$
\begin{array}{r}
3 x-2 \\
+2 \\
\vdots \\
\frac{3 x}{3} \vdots \\
\vdots \\
\vdots
\end{array} \frac{21}{3}, 29
$$

(2)

$$
\begin{aligned}
& 14=-5 x+1 \\
& -1:-1 \\
& \frac{13}{-5}=\frac{-5 x}{5} \\
& -2.6=x
\end{aligned}
$$

(3)

$$
\begin{array}{r}
3-4 m: 11 \\
-3:-3 \\
\frac{-4 m}{-4}: \frac{8}{-4} \\
\sqrt{-4}=-2
\end{array}
$$

Check: $\quad \begin{gathered}\text { LS } \\ \text { mem } \\ \text { me }\end{gathered}$
$3(7)-2=19$
$\longleftarrow$ sub for $x$
$21-2=19$ $\qquad$ follow BEDMAS

$$
19=19
$$

Check: $\quad 14=-5 x+1$

$$
\begin{aligned}
& 14=-5(-2.6)+1 \\
& 14=\underbrace{13+1} \\
& 14=14
\end{aligned}
$$

$$
\checkmark \vee
$$

Check:

$$
\begin{aligned}
3-4 m & =11 \\
3-\underbrace{4(-2)} & =11 \\
3--8 & =11 \\
3+8 & =11 \\
11 & =11
\end{aligned}
$$

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