Distributive property
4 multiplying a term into brackets
STEP 1: get rid of the brackets
STEP 2: isolate the variable
$\rightarrow$ move all the like terms, with variables, to 1 side and constants to the other
STEP 3: add like terms
Ex \#1

$$
\begin{array}{rrr}
3(d+0.4)=-3.9 & \frac{\text { Ex.\#2 }}{3(x-3)=2} \\
3 d+3 \times 0.4=-3.9 & 2 x-6=2 \\
3 d+1 . \chi=-3.9 & +6=+6 \\
-1.2 & \frac{2 x}{2}=\frac{8}{2} \\
\frac{3 d}{3}=\frac{-5.1}{3} & x=4 \\
d=-1.7 & &
\end{array}
$$

* Now check your answers!!! sub stitute your answer with the letter

$$
\begin{aligned}
3(d+0.4) & =-3.9 \\
3(-1.7+0.4) & =-3.9 \\
3(-1.3) & =-3.9 \\
-3.9 & =-3.9
\end{aligned}, \begin{aligned}
2(4-3) & =2 \\
2(1) & =2 \\
2 & =2
\end{aligned}
$$

Ex.\#3. Fractions

$$
\begin{aligned}
\frac{t-1}{5} & =\frac{3}{2} \\
\frac{t}{5}-\frac{1}{5} & =\frac{3}{2}+\frac{1}{5} \\
+\frac{y}{5} & \\
\frac{t}{5} & =\frac{3 \times 5}{7 \times 5}+\frac{1}{5 \times 2}
\end{aligned}
$$

$$
\begin{aligned}
\frac{t}{5} & =\frac{3 \times 5}{2 \times 5}+\frac{1}{5 \times 2} \\
\frac{t}{5} & =\frac{15}{10}+\frac{2}{10} \\
\frac{t}{5} & =\frac{17 \times 5}{10} \\
t & =\frac{85}{10}=\frac{17}{2}=8 \frac{1}{2} \\
\text { 19. } 319 & \# 6-11,15,17,18,23,24
\end{aligned}
$$

