Solve for $x$ :

$$
\begin{gathered}
9=3-3 x \\
-3-3 \\
\frac{6}{-3}=\frac{-3 x}{3} \\
x=-2
\end{gathered}
$$

$$
\begin{aligned}
\frac{x}{4}+g & =-13 \\
-\frac{x}{4} & =-22 \cdot 4 \\
x & =-88
\end{aligned}
$$

Give an example of the commutative property

$$
1+2=2+1
$$

## Homework Check

$$
\begin{array}{lll}
\text { 11. }-12 & \text { 12. } 5 & \text { 13. }-1 \\
\text { 14. }-50 & \text { 15. }-2 & \text { 16. } 72 \\
\text { 17. }-27 & \text { 18. }-3 & \text { 19. } 126 \\
\text { 20. } 100 & \text { 21. }-3 & \text { 22. }-5.5 \\
\text { 23. } 16 \text { boxes } & \text { 24. } 3 \text { bottles }
\end{array}
$$

## Solving equations with fractions

$$
\begin{aligned}
\frac{2}{3} x+71 & =-13 \\
\frac{3}{2} \cdot \frac{2 x}{3} x & =\frac{-20}{1} \cdot \frac{3}{2} \\
x & =\frac{-60}{2} \\
x & =-30
\end{aligned}
$$

$$
\begin{aligned}
& -\beta-\frac{4}{5} x=9 \\
& +3 \\
& \frac{-5}{4} \frac{4}{5} x=\frac{12}{1} \cdot \frac{-5}{4} \\
& x=\frac{-60}{4} \\
& x=-15
\end{aligned}
$$

$$
\begin{array}{lr}
\text { You Try! } \\
-7+\frac{3}{4} x=-22 & \frac{2}{5} x+8=2 \\
X=-20 & X=-15
\end{array}
$$

$$
\begin{array}{ll}
2 \frac{(y-4)}{2}=10 \cdot 2 & 7 \cdot-2=\frac{d-7}{7} \cdot 1 \\
y-4=20 & -14=d-7 \\
+4 \\
y=24 & +7 \\
& -7=d \\
d=-7
\end{array}
$$

## Challenge!

$$
\begin{aligned}
\frac{2}{3} x+\frac{1}{5} & =\frac{2}{3} \frac{10}{15} \\
-\frac{1}{15} & -\frac{3}{15} \\
\frac{3}{2} x & =\frac{-1}{15} \cdot \frac{3}{2} \\
x & =\frac{21}{30} \div 3 \\
x & =\frac{7}{10}
\end{aligned}
$$

$\qquad$

