2)
$$-5\chi + 4 = 12 - 4\chi$$

 $+4\chi$ $+4\chi$
 $-\chi + 4 = 12$
 $-4 - 4$
 $-\chi = 8$
 $\chi = -8$

3)
$$7x-2-2x+1=6x$$

 $5x-1=6x$
 $-5x$
 $-1=x$
 $x=-1$

4)
$$-212+5=-32+4-22-1$$

 $-212+5=-52+3$
 $+52+5=3$
 $-5-5$
 $2=-2$
Distribute!

$$3(x+2)-2(x-1)=7$$

$$3x+6-2x+2=7$$

$$x+8=7$$

$$-8-8$$

$$x=-1$$

$$-4(x-2) = -2(x+5) - (x-7)$$

$$-4x + 8 = -2x - 10 - x + 7$$

$$-4x + 8 = -3x - 3$$

$$+3x + 3x$$

$$-x + 8 = -3$$

$$-8 - 8$$

$$-x = -11$$

$$x = 11$$

$$\begin{array}{ccc}
\chi + \chi + 1 &= \chi + 7 \\
\chi + \chi & \chi \\
2\chi + 1 &= \chi + 7 \\
-\chi & -\chi \\
\chi + 1 &= 7 \\
-1 & -1 \\
\chi = 6
\end{array}$$

8) 4 more than 5 times a # is equal to the product of 4 and 3 less than the #.

Let
$$\chi$$
 be the #.

 $5\chi + 4 = 4(\chi - 3)$
 $5\chi + 4 = 4\chi - 12$
 $-4\chi - 4\chi$
 $\chi + 4 = -12$
 $-4 - 4$
 $\chi = -16$

Practice Day 2