7.1 Solving Systems of Equations
I. The Method of Substitution: p 452, just read over

$$
\left\{\begin{array}{l}
1 \\
x+y=20
\end{array}\right.
$$

$$
\left\{\begin{array}{l}
x+5 y=80 \\
-x+y=20 \\
y=20-x
\end{array}\right.
$$

I. The Method of Substitution: p 452, just read over

$$
\begin{aligned}
& x^{2}-(x+4)=-2 \\
& \begin{array}{l}
x^{2}-x-4=-2 \\
+2+2 \\
x^{2}-x-2=0
\end{array} \\
& (x-2)(x+1) \\
& (x-2)(x+1) \\
& x-2=0 \quad x+1)=0 \\
& x+1=0 \\
& x=2 \\
& x=-1
\end{aligned}
$$

$$
\begin{aligned}
& \begin{array}{l}
2 x+5(20-x)=80 \\
2 x+100-5 x=80
\end{array} \\
& 2 x+100-5 x=80
\end{aligned}
$$

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