(10)

$$
\begin{array}{r}
-5 d+7>-38 \\
-7 \\
-7 d> \\
\frac{-5 d}{-5}-\frac{45}{-5} \\
d<9
\end{array}
$$

(14)

$$
\begin{gathered}
\frac{k}{5}+36 \geq 51 \\
-36-36 \\
5 \cdot \frac{k}{5} \geq 15 \cdot 5 \\
k \geq 75
\end{gathered}
$$

7.6 Review
(16)

$$
\left.\begin{array}{rl}
5+9 a & <-19 \\
-5 \\
-5
\end{array}\right] \begin{aligned}
\frac{9 a}{9} & <\frac{-24}{9} \\
2<\frac{-24 \div 3}{9 \div 3} & a<\frac{-8}{3}
\end{aligned}
$$

(18)

$$
\begin{gathered}
\frac{c}{4}+7<-6 \\
-7<-7 \\
4 \cdot \frac{c}{4}<-13 \cdot 4 \\
c<-52
\end{gathered}
$$

$$
\text { (60) } \begin{aligned}
-2.2 & <\frac{b}{-10}-2.4 \\
+2.4 & +2.4 \\
-10 \cdot 0.2 & <\frac{b}{-10} \cdot-10 \\
-2 & >b \\
b & <-2
\end{aligned}
$$

(28)

$$
\begin{aligned}
-5 x+3 & <3 x+23 \\
+5 x & +5 x \\
3 & <8 x+23 \\
-23 & -23 \\
-\frac{20}{8} & <\frac{8 x}{8} \quad \frac{-5}{2}<x \\
4 & -\frac{20}{8}<x \quad x>-\frac{5}{2} \quad
\end{aligned}
$$

Solve each inequality.

$$
\begin{gathered}
\begin{array}{l}
x+3 \geq 6 \\
5-3-3 \\
5 \cdot \frac{y}{5} \geq 3 \cdot 5 \\
y \geq 15
\end{array}, ~
\end{gathered}
$$

Solve each inequality.

$$
\begin{array}{r}
5 x-4>4 x+3 \\
-4 x \quad-4 x \\
1 x-4>3 \\
+4+4 \\
x>7
\end{array}
$$

Solve each inequality.

$$
\begin{array}{r}
\begin{array}{c}
-2 t-1.5<1.3 \\
+1.5+1.5
\end{array} \\
-2 t<22.8 \\
\hline-2 \downarrow-2
\end{array}
$$

Solve each inequality.

$$
\begin{gathered}
7 t+6<3 t-14 \\
-3 t \quad-3 t \\
4 t+6<-14 \\
-6 \quad-6 \\
\frac{4 t}{4}<\frac{-20}{4} \\
t<-5
\end{gathered}
$$

Solve each inequality.


Solve each inequality.

$$
\begin{aligned}
& 3 x+8 \geq 5 x-4 \\
&-3 x \\
& 8 x \geq 2 x-4 \\
&+4 \\
& 12 \geq \frac{2 x}{2} \\
& 6 \geq x \\
& x \leq 6
\end{aligned}
$$

Solve each inequality.

$$
\begin{aligned}
& 4 y+8<-15 \\
& -8<-8 \\
& \frac{4 y}{4}<\frac{7}{4} \\
& y<\frac{7}{4} \text { se } 1 \frac{3}{4}
\end{aligned}
$$

Solve each inequality.

$$
\begin{gathered}
-3 k-4 \leq-22 \\
+4+4 \\
-3 k<c-18 \\
-3 \sqrt{-3} \\
k \geq 6
\end{gathered}
$$

Solve each inequality.

$$
\begin{aligned}
& -1^{1-3 x}>7 \\
& -\frac{3 x}{-3} \int^{-1} \frac{6}{-3} \\
& x<-2
\end{aligned}
$$

Solve each inequality.

$$
\begin{aligned}
3(y-2) & >5(y-7) \\
3 y-6 & >5 y-35 \\
-3 y & -3 y \\
-35 & >2 y-35 \\
+35 & +35 \\
\frac{29}{2} & >\frac{2 y}{2} \quad y<\frac{29}{2} \\
29 / 2 & >y
\end{aligned}
$$

