$$
\begin{aligned}
& y=\sqrt{3 x+4} . \\
& 3 x+4) \geq 0 \\
& 3 x \geq-4 \\
& \text { Drancin } x \geq-\frac{4}{3} \\
& \text { Ranse } y \geq 0 \\
& \text { Yint }{ }^{2} \\
& \text { x-into-岁 }
\end{aligned}
$$

$$
\begin{aligned}
& y=-\sqrt{3 x+6}-4 \\
& 3 x+6 \geq 0 \\
& \begin{array}{r}
\quad 3 x \geq-6 \\
\text { Doman } x \geq-3
\end{array} \\
& \text { Rampe: } y \leq-4 \\
& y-n t \cdot \approx-6.4 \\
& \text { xint: edor } \\
& \begin{array}{l|l|l|llllll}
X & y & & & & & & \\
\hline-2 & -4 & & & & & & \\
\hline 1 & =5.7 & & & & & \\
0 & =-6.4 & & & & \\
4 & =-8.2 & & & & \\
8 & =-9.5 & & & & & & & \\
8 & & & & & \\
\hline
\end{array}
\end{aligned}
$$

$$
\begin{gathered}
d=\sqrt{\frac{3 h}{2}} \\
\left.(3)=\sqrt{\frac{3 h}{2}}\right)^{2} \\
\left(\frac{2}{3}\right) 9=\frac{3 h}{2}\left(\frac{2}{2}\right) \\
6 f_{t}=4
\end{gathered}
$$

$$
\begin{aligned}
& y<\sqrt{2 x-6} . \\
& 2 x-6 \geq 0 x \mid \geq \\
& 2 x \geq 630 \\
& x \geq 3 \\
& 4 \sqrt{2 \pi} 1.4 \\
& 52 \\
& 8 \sqrt{10} \pi 3.2 \\
& 10 \sqrt{14} \boldsymbol{r} 3.7
\end{aligned}
$$

# p. 400-401 <br> 9-10, 14-16 (pick 2), <br> 18-20 (pick 2), 22, 25- <br> $27,30,34-35,43-47$ 

