on a problem :)
please pick up以 Wifi
(1) combine and simplify

$$
\begin{aligned}
& \frac{4 x^{2}-12}{\left.\frac{6 x}{\frac{2\left(x^{2}-3\right)}{3 x}}\right)^{3} \frac{24\left(x^{2}-3\right)}{6 x}}
\end{aligned}
$$

$$
\begin{aligned}
& \frac{x}{2} \cdot \frac{-2}{x} \cdot \frac{x}{6} \\
& \frac{x \cdot x \cdot-2}{2 \cdot x \cdot 6} \\
& \frac{-x}{6}
\end{aligned} \frac{-1-\not 2 x^{x}}{6122 / 4}
$$

(3) solve the equations:

$$
\begin{aligned}
& \frac{2}{x}-2+\frac{6}{x^{2}}=0 \\
& \frac{2\left(x^{2}\right)}{\not x}-\frac{2\left(x^{2}\right)+\frac{6}{1}\left(x^{2}\right)}{x^{2}} \\
& 2 x-2 x^{2}+6=0 \\
& -2 x^{2}+2 x+6=0
\end{aligned}
$$

(5) Analyze and describe the discontinuities of the function:

(6) factor

$$
\begin{aligned}
& 3 x^{2}-27 x \\
& 3 x(x-9)
\end{aligned}
$$

(6) factor

$$
\begin{aligned}
& 3 x^{2}-27 \\
& 3\left(x^{2}-9\right) \\
& 3(x+3)(x-3)
\end{aligned}
$$

(6) factor

$$
\begin{gathered}
4 x^{2}-4 \\
4\left(x^{2}-1\right) \\
4(x-1)(x+1)
\end{gathered}
$$

$$
\frac{8}{4}
$$



determine if 2 expressions are equivalent
p. 162

CL 3-129
homework packet DUE tomorrow


b. $\quad(2 x-1)^{2} \stackrel{?}{=} 4 x^{2}-1$


$$
\text { C. } \begin{aligned}
10 x^{2}-55 x-105 & \stackrel{?}{=} \\
= & 5\left(2 x^{2}+3\right)\left(2 x^{2}-14 \cdot+3 x-21\right) \\
& =10 x^{2}-70 x+15 x-105 \\
\text { yer. } & =10 x^{2}-55 x-105
\end{aligned}
$$



$$
\text { e. } \begin{aligned}
& 2 x-3 y=6 \quad y=\frac{2}{3} x+6 \\
& 2 x-3 y=6 \\
& -2 x \quad-2 x \\
& -3 y=6-2 x \\
& y=\frac{6-2 x}{-3}
\end{aligned}
$$

d




## Assignment CL 3....

127, 128a,d - 131, 133, 135-137

