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$$
\begin{aligned}
& \text { ex. }\left(5 x^{3}-13 x^{2}+10 x-8\right) \div\left(\begin{array}{c}
x-r \\
x-2)
\end{array}\right. \text {. } \\
& \begin{array}{ccccc}
2 & \begin{array}{rrrr}
5 & -13 & 10 & -8 \\
5 \times 2 \\
-3 \times 2
\end{array} & \begin{array}{ccc|c}
\downarrow & 10 & -6 & 8 \\
\hline & 5 & -3 & 4 \\
& & 5 x^{2}-3 x+4 & 0
\end{array} \\
&
\end{array} \\
& \text { exp }\left(z^{2}+2 z-24\right) \div\left(z^{z-r}-4\right) \text {. } \\
& \text { 4) } \begin{array}{rrr}
1 & 2 & -24 \\
\downarrow & 4 & 24 \\
\hline 1 & 6 & 0 \\
2+6 &
\end{array} \\
& \text { (ex2A) } \frac{x^{2}+7 x-30}{x-3} \\
& \text { 3) } \begin{array}{r}
1 \\
1 \\
1 \\
1 \\
\hline
\end{array}
\end{aligned}
$$

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$$
\begin{aligned}
& \frac{\left(8 y^{5}-2 y^{4}-16 y^{2}+4\right)}{4} \div \frac{(4 y-1)}{4} \\
& \begin{array}{c}
\left(2 y^{5}-\frac{1}{2} y^{4}-4 y^{2}+1\right) \div\left(y-\frac{1}{4}\right) \\
0 y^{3} \text { oy }
\end{array} \\
& \frac{1}{4} \left\lvert\, \begin{array}{llllll}
2 & -\frac{1}{2} & 0 & -4 & 0 & 1
\end{array}\right. \\
& \begin{array}{lllll|l} 
& \frac{1}{2} & 0 & 0 & -1 & -\frac{1}{4} \\
\hline 2 & 0 & 0 & -4 & -1 & \frac{3}{4}
\end{array} \\
& 2 y^{4}-4 y-1+\frac{\frac{3}{女}}{y-\frac{1}{4}} \\
& 2 y^{4}-4 y-1+\frac{3}{4 y-1}
\end{aligned}
$$

