26. $\frac{-12 m^{4} n^{8}\left(m^{3} n^{2}\right)}{36 m^{3} n}=-\frac{12 / m^{7} / n^{10}}{36 m^{3} / n}=-\frac{1}{3} m^{4} n^{9}$

27. $\frac{12 \mid x^{-3} y^{-2} z^{-8}}{30 x^{-6} y^{-4} z^{-1}}=\frac{2}{5}$

$$
=\frac{2 x^{3} y^{2}}{5 z^{3}}
$$

40

$$
\frac{6.43 * 10^{11}}{2.21+10^{2}}=\frac{\$ 2.91 \times 10^{4}}{\$ 29.100}
$$

$$
\begin{aligned}
& \text { b. }\left(5 x^{2}-4 x+1\right)+1\left(-3 x^{2}+x-3\right) \\
& \frac{5 x^{2}-4 x+1-3 x^{2}}{2 x^{2}-3 x-2}+x \stackrel{5 x^{2}-4 x+1}{ } \frac{(4)-3 x^{2}+x-3}{2 x^{2}-3 x-2}
\end{aligned}
$$

a. $\mid\left(3 x^{2}-2 x+3\right)-1\left(x^{2}+4 x-2\right)$
$3 x^{2}-2 x+3-x^{2}-4 x+2$

$$
\Leftrightarrow \begin{aligned}
& 3 x^{2}-2 x+3 \\
& x^{2}+4 x-2 \\
& \hline 2 x^{2}-6 x+5
\end{aligned}
$$

(3B)

$$
\frac{-2 a\left(-3 a^{2}-11 a+20\right)}{6 a^{3}+22 a^{2}-40 a}
$$

$$
\begin{array}{r}
132 \\
\times \quad 21 \\
\hline
\end{array}
$$

$$
\begin{aligned}
& \left(\left.\begin{array}{l}
\left(n^{2}+6 n-2\right)(n+4) \\
n^{3}+4 n^{2}+6 n^{2}+24 n-2 n \\
\left.n^{3}+10 n^{2}+22 n-8\right)
\end{array} \right\rvert\, \begin{array}{r}
n^{2}+6 n-2 \\
n+4
\end{array}\right. \\
& \frac{n^{3}+6 n^{2}-2 n-8}{4 n^{2}+24 n-22 n-8}
\end{aligned}
$$



