Algebra II


$$
\begin{aligned}
& \text { 24) }\left(\frac{-4 a^{2}}{3 b}\right)^{2}\left(\frac{-b}{2 a}\right)^{3} \\
& \left(\frac{16 a^{41}}{9 b^{2}}\right)\left(-\frac{b^{31}}{8 a^{3}}\right) \xrightarrow{0 r} \frac{-2 a b}{9} \\
& \left.\frac{-16 a^{4} b^{3}}{72 a^{3} b^{2}} \quad 26\right) \frac{x^{n+1} y^{n}}{x^{n} y^{n-1}}=\frac{x^{n+1-k} y^{n-(n-1)}}{1} \\
& \frac{-2 a b}{9} \\
& x^{\prime} y^{n-n+1}=x y
\end{aligned}
$$

28) $\frac{\left(z^{n}\right)^{3}}{z^{n} \cdot z^{3}}=\frac{z^{3 n}}{z^{n+3}}=z^{3 n-(n+3)}=z^{2 n-3}$
29) 

$$
\begin{aligned}
& \frac{a^{n-1} b^{2 n}}{a^{n+1}\left(b^{2}\right)^{n-1}}=\frac{a^{n-1} b^{2 n}}{a^{n+1} b^{2 n-2}}=\frac{b^{2 n-(2 n-2)}}{a^{n+1-(n-1)}} \\
= & \frac{b^{2 n-2 n+2}}{a^{n+1-(n+1}}=\frac{b^{2}}{a^{2}}
\end{aligned}
$$

