36. $\left(x^{2}+x y+y^{2}\right)(x-y)$

$$
\begin{aligned}
& x^{3}-x^{2} y+x^{2} y-x y^{3}+x y^{2}-y^{3} \\
& x^{3}-y^{3}
\end{aligned}
$$

28. $2 x y\left(3 x y^{3}-4 x y+2 y^{4}\right)$

$$
6 x^{2} y^{4}-8 x^{2} y^{2}+4 x y^{5}
$$

43. $\left(10 x^{2}-3 x y+4 y^{2}\right)-\\left(3 x^{2}+5 x y\right)$

$$
\frac{10 x^{2}-3 x y+4 y^{2}-3 x^{2}-5 x y}{7 x^{2}-8 x y+4 y^{2}}
$$

$$
\begin{aligned}
& 1+8 c+16 c^{2} \\
& 16 c^{2}+8 c^{5}+1 x^{5}
\end{aligned}
$$

Simplify $\frac{4 x^{3} y^{2}+8 x y^{2}-12 x^{2} y^{3}}{4 x y}$.

$$
\begin{aligned}
& \frac{4 x^{3} y^{2}}{41 x y}+\frac{8 x y^{2}}{4 x y}-\frac{12 x^{2} y^{3}}{4 x y} \\
& x^{2} y+2 y-3 x y^{2}
\end{aligned}
$$

1A. $\frac{9 x^{2} y^{3}-15 x y^{2}+12 x y^{3}}{3 x y^{2}}$

$$
\begin{aligned}
& \frac{9 x^{2} y^{3}}{3 x y^{2}}-\frac{15 x y^{2}}{3 x y^{2}}+\frac{12 x y^{3}}{3 x y^{2}} \\
& 3 x y-5+4 y
\end{aligned}
$$

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$$
\begin{aligned}
& \text { 1D. }\left(18 x^{2} y+27 x^{3} y^{2} z\right)(3 x y)-2 \\
& \frac{18 x^{2} y+27 x^{3} y^{2} z}{\left(3 x^{\prime} y^{\prime}\right)^{2}} \\
& \frac{18 x^{2} y+27 x^{3} y^{2} z}{9 x^{2} y^{2}} \\
& \frac{18 x^{2} y^{1}}{9 x^{2} y^{2}}+\frac{27 x^{3} y^{2} z}{9 x^{2} y^{2}} \\
& 2 y^{-1}+3 x z \\
& \frac{2}{y}+3 x z \\
& \text { p. } 329 \quad 13,16 \\
& 1 6 \longdiv { 9 2 7 8 } \quad \begin{array} { r l } 
{ 1 2 } & { 2 6 \frac { 3 } { 3 1 3 } } \\
{ } & { - \frac { 2 4 } { 7 5 } } \\
{ } & { - \frac { 7 2 } { 3 } }
\end{array}
\end{aligned}
$$

