36. $(x^2 + xy + y^2)(x - y)$

$x^3 - x^2y + x^2y - xy^2 + xy^2 - y^3$

$$x^3 - y^3$$

76. $\dfrac{4y^5}{2y^2} = \boxed{2y^3}$

$1 + 8c + 16c^2$

$16c^2 + 8c^5 + 1x^5$

$$\frac{5x-2}{5}$$

$$\frac{5x}{5} - \frac{2}{5}$$

$$x - \frac{2}{5}$$

---

① Simplify $\dfrac{4x^3y^2 + 8xy^2 - 12x^2y^3}{4xy}$.

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

$$x^2y + 2y - 3xy^2$$

$$\frac{x}{x} = x^0 = 1$$

$$\frac{4}{4} = 1$$

1B. $\dfrac{16a^5b^3 + 12a^3b^4 - 20ab^5}{4ab^3}$

$\dfrac{16a^5b^3}{4ab^3} + \dfrac{12a^3b^4}{4ab^3} - \dfrac{20ab^5}{4ab^3}$

$4a^4 + 3a^2b - 5b^2$

1D. $(18x^2y + 27x^3y^2z)(3xy)^{-2}$

$\dfrac{18x^2y + 27x^3y^2z}{(3xy)^2} = \dfrac{18x^2y + 27x^3y^2z}{9x^2y^2}$

$\dfrac{18x^2y}{9x^2y^2} + \dfrac{27x^3y^2z}{9x^2y^2}$

$2y^{-1} + 3xz$

$\dfrac{2}{y} + 3xz$

$47\frac{8}{12} = 47\frac{2}{3}$

$12\overline{)572}$
$-\underline{48}\downarrow$
$\ 92$
$-\underline{84}$
$\ \ 8$

P. 329   13, 16

$14\overline{)9453}$

$8\overline{)95642}$ $11951\frac{1}{2}$