

43.
$$(10x^2 - 3xy + 4y^2) - (3x^2 + 5xy)$$

 $10x^2 - 3xy + 4y^2 - 3x^2 - 5xy$
 $7x^2 - 8xy + 4y^2$

$$(-4x^{2} + 2x + 3) - 3(2x^{2} - 5x + 1) =$$

$$-4x^{2} + 2x + 2 + 2 = -6x^{2} + 15x - 2$$

$$-10x^{2} + 17x$$

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

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

$$\times$$

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

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

$$\frac{4a^{4}}{4a^{5}} + 3a^{2}b - 5b^{2}$$

....

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

$$\frac{\left(3\times^{2}y^{2}+37\times^{3}y^{2}+\frac{18\times^{2}y+37y^{2}}{9\times^{2}y^{2}}\right)}{\left(3\times^{2}y^{2}+37y^{2}\right)^{2}}=\frac{18\times^{2}y+37y^{2}+3}{9\times^{2}y^{2}}$$

$$\frac{18\times^2y}{9\times^2y^2} + \frac{27\times^3y^2z^2}{9\times^2y^2}$$

$$2y^{-1} + 3x =$$