Divide Polynomials by Monomials

Divide each polynomial.

$\left(44y^4c^5 - 33y^3c^3\right) \div \left(11yc\right)$

$\left(4n^8y^4 + 8n^9y - 6n^6y^2\right) \div \left(2n^5\right)$

$\left(-85k^4n^2 - 51k^7n\right) \div \left(17k^3\right)$

$\left(7p^6k - 6p^4k^2 + 3p^7k^3\right) \div \left(12p^3\right)$

$\left(30n^8x^4 - 6n^7x^3\right) \div \left(-6n^5x\right)$

$\left(8c^5w^5 - 2c^4w^3 - c^3w^2\right) \div \left(17cw\right)$

Divide Polynomials by Monomials

Divide each polynomial.

$$\left(44y^4c^5-33y^3c^3\right)\div\left(11yc\right)$$
$$=4y^3c^4-3y^2c^2$$

$$\left(4n^8y^4+8n^9y-6n^6y^2\right)\div\left(2n^5\right)$$
$$=2n^3y^4+4n^4y-3ny^2$$

$$\left(-85k^4n^2-51k^7n\right)\div\left(17k^3\right)$$
$$=-5kn^2-3k^4n$$

$$\left(7p^6k-6p^4k^2+3p^7k^3\right)\div\left(12p^3\right)$$
$$=\frac{7}{12}p^3k-\frac{1}{2}pk^2+\frac{1}{4}p^4k^3$$

$$\left(30n^8x^4-6n^7x^3\right)\div\left(-6n^5x\right)$$
$$=-5n^3x^3+n^2c^2$$

$$\left(8c^5w^5-2c^4w^3-c^3w^2\right)\div\left(17cw\right)$$
$$=\frac{8}{17}c^4w^4-\frac{2}{17}c^3w^2-\frac{1}{17}c^2w$$