

Divide Polynomials by Monomials

Divide each polynomial.

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

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

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

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

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

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

Divide Polynomials by Monomials

Divide each polynomial.

$$\begin{aligned}(44y^4c^5 - 33y^3c^3) \div (11yc) \\ = 4y^3c^4 - 3y^2c^2\end{aligned}$$

$$\begin{aligned}(-85k^4n^2 - 51k^7n) \div (17k^3) \\ = -5kn^2 - 3k^4n\end{aligned}$$

$$\begin{aligned}(30n^8x^4 - 6n^7x^3) \div (-6n^5x) \\ = -5n^3x^3 + n^2c^2\end{aligned}$$

$$\begin{aligned}(4n^8y^4 + 8n^9y - 6n^6y^2) \div (2n^5) \\ = 2n^3y^4 + 4n^4y - 3ny^2\end{aligned}$$

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

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