

Algebra /

Dividing a polynomial by a monomial: Multivariate

$$(9v^5x^3 - 14v^3x^2) \div (-2v^5x^3)$$

$$\frac{9v^5x^3}{-2v^5x^3} - \frac{14v^3x^2}{-2v^5x^3}$$

$$-\frac{9}{2} - \left(-\frac{7}{v^2x}\right)$$

$$\boxed{-\frac{9}{2} + \frac{7}{v^2x}}$$