

Dividing Polynomials by Monomials

WS #1

Divide the following.

1. $12x^4y^3z^2w \div 2xy^2 =$ _____

2. $(2a^3b^2 - 10ab^3c) \div 2ab^2 =$ _____

3. $(xy^3z - 4y^2z + 6xyz - y^3z) \div yz =$ _____

4. $12y^3z \div 6y^3 =$ _____

5. $(6ab^4c - 3a^3bc^2 + 2a^3bc - 4ab^3c) \div abc =$ _____

6. $(2r^2s^3t + 2s^3t^2) \div st =$ _____

7. $(2ax^3 + 4bx) \div 2x =$ _____

8. $(4uv + 8uv^2w - 8uvw) \div 2uv =$ _____

9. $(4xyz + 12xyz^2 - 6xy^2 + 12x^3yz) \div 2xy =$ _____

10. $(5ax^2 + 15a^3x) \div 5ax =$ _____