

Algebra 2 Honors Review 9/17

1. $(3x^5 - 8x^3 + 7) - (4x^5 - 5x^3 - 5)$

2. $(2x + 1)(x + 5)(x - 2)$

3. $(3x + 4)(3x - 4)$

4. $(5a - 1)^2$

5. $(3x + 1)^3$

6. $(x - 2y)^4$

7. $(3x^3 - 2x + 7) \div (x^2 + 2x + 1)$

8. $(5x^3 + 4x^2 + 3x + 2) \div (x - 1)$

9. $(5s^{-2}t^4)^{-3}$

10. Write an expression that makes the statement true

$$3x^3y^2 = \frac{12x^2y^5}{?}$$