

5.4-5.5 Review

Multiply:

1. $(9x - y)^2$

2. $(11a + 6)(11a - 6)$

3. $(8x^{4x} - 5n^{3x})^2$

4. $(a^m + 3b^{m+5})(a^m - 3b^{m+5})$

5. $(4m^{x+4} - n^{2x-1})^2$

6. $(x^{3a} + 2y^{2a+5})(x^{3a} - 2y^{2a+5})$

Divide:

7. $(2n^2 + 6n - 20) \div (2n - 4)$

8. $(6x^2 - 17xy + 5y^2) \div (3x - y)$

9. $(6x^3 + 13x^2y + 11xy^2 - 8y^3) \div (2x + 4)$

10. $(3x^4 - y^4) \div (3x + 3y)$

11. $(5a^3 + 4b^3) \div (a-b)$