

Exponents- Product of Powers

EXP2

Review

Use the calculator to evaluate:

1. $43^0 =$ _____

2. $(-4)^4 =$ _____

3. $10^7 =$ _____

4. $12^3 =$ _____

5. $-9^2 =$ _____

6. $(-9)^2 =$ _____

Write out in standard form and then evaluate:

7. $(x^6)(x^3) =$ _____ $=$ _____

8. $(d^2)(d^3)(d) =$ _____ $=$ _____

9. $(-4n^5)(3n^2) =$ _____ $=$ _____

10. Write out the rule for the Product of Powers Property:

Simplify:

11. $(y^6)(y^{10}) =$ _____

12. $(k^{-5})(k^{12}) =$ _____

13. $(5d^4)(-3d^6) =$ _____

14. $(11h^{10})(h^{-7}) =$ _____

15. $(200x^4)(x^0) =$ _____

16. $(p^5)(p^4)(p^3) =$ _____