

Exponents Rules

Name: _____

Date: _____

Rewrite each expression using power rule.

1) $(5^2)^2 = \underline{\quad 5^4 \quad}$

2) $(3^2)^6 = \underline{\hspace{2cm}}$

3) $(6^1)^3 = \underline{\hspace{2cm}}$

4) $(10^2)^1 = \underline{\hspace{2cm}}$

5) $(11^2)^5 = \underline{\hspace{2cm}}$

6) $(3^4)^3 = \underline{\hspace{2cm}}$

7) $(2^2)^3 = \underline{\hspace{2cm}}$

8) $(11^1)^1 = \underline{\hspace{2cm}}$

9) $(5^3)^3 = \underline{\hspace{2cm}}$

10) $(9^5)^2 = \underline{\hspace{2cm}}$

11) $(6^2)^3 = \underline{\hspace{2cm}}$

12) $(4^4)^2 = \underline{\hspace{2cm}}$

13) $(8^1)^3 = \underline{\hspace{2cm}}$

14) $(5^3)^2 = \underline{\hspace{2cm}}$

15) $(10^2)^3 = \underline{\hspace{2cm}}$

16) $(6^3)^3 = \underline{\hspace{2cm}}$

17) $(4^3)^4 = \underline{\hspace{2cm}}$

18) $(13^4)^2 = \underline{\hspace{2cm}}$

Exponents Rules

Name: _____

Date: _____

Rewrite each expression using power rule.

1) $(5^2)^2 = \underline{\quad 5^4 \quad}$

2) $(3^2)^6 = \underline{\quad 3^{12} \quad}$

3) $(6^1)^3 = \underline{\quad 6^3 \quad}$

4) $(10^2)^1 = \underline{\quad 10^2 \quad}$

5) $(11^2)^5 = \underline{\quad 11^{10} \quad}$

6) $(3^4)^3 = \underline{\quad 3^{12} \quad}$

7) $(2^2)^3 = \underline{\quad 2^6 \quad}$

8) $(11^1)^1 = \underline{\quad 11^1 \quad}$

9) $(5^3)^3 = \underline{\quad 5^9 \quad}$

10) $(9^5)^2 = \underline{\quad 9^{10} \quad}$

11) $(6^2)^3 = \underline{\quad 6^6 \quad}$

12) $(4^4)^2 = \underline{\quad 4^8 \quad}$

13) $(8^1)^3 = \underline{\quad 8^3 \quad}$

14) $(5^3)^2 = \underline{\quad 5^6 \quad}$

15) $(10^2)^3 = \underline{\quad 10^6 \quad}$

16) $(6^3)^3 = \underline{\quad 6^9 \quad}$

17) $(4^3)^4 = \underline{\quad 4^{12} \quad}$

18) $(13^4)^2 = \underline{\quad 13^8 \quad}$