

Exponents Rules

Name: _____

Date: _____

Rewrite each expression using power rule.

1) $(12^4)^1 =$ _____

2) $(11^7)^2 =$ _____

3) $(3^4)^4 =$ _____

4) $(6^6)^4 =$ _____

5) $(7^7)^3 =$ _____

6) $(11^7)^4 =$ _____

7) $(10^4)^3 =$ _____

8) $(7^6)^3 =$ _____

9) $(6^6)^3 =$ _____

10) $(15^4)^1 =$ _____

11) $(8^6)^1 =$ _____

12) $(5^5)^3 =$ _____

13) $(4^8)^5 =$ _____

14) $(3^4)^1 =$ _____

15) $(9^5)^3 =$ _____

16) $(3^7)^6 =$ _____

17) $(13^3)^3 =$ _____

18) $(9^3)^1 =$ _____

Exponents Rules

Name: _____

Date: _____

Rewrite each expression using power rule.

1) $(12^4)^1 = \underline{12^4}$

2) $(11^7)^2 = \underline{11^{14}}$

3) $(3^4)^4 = \underline{3^{16}}$

4) $(6^6)^4 = \underline{6^{24}}$

5) $(7^7)^3 = \underline{7^{21}}$

6) $(11^7)^4 = \underline{11^{28}}$

7) $(10^4)^3 = \underline{10^{12}}$

8) $(7^6)^3 = \underline{7^{18}}$

9) $(6^6)^3 = \underline{6^{18}}$

10) $(15^4)^1 = \underline{15^4}$

11) $(8^6)^1 = \underline{8^6}$

12) $(5^5)^3 = \underline{5^{15}}$

13) $(4^8)^5 = \underline{4^{40}}$

14) $(3^4)^1 = \underline{3^4}$

15) $(9^5)^3 = \underline{9^{15}}$

16) $(3^7)^6 = \underline{3^{42}}$

17) $(13^3)^3 = \underline{13^9}$

18) $(9^3)^1 = \underline{9^3}$