

Exponents Rules

Name: _____

Date: _____

Rewrite each expression using quotient rule.

1) $88^{22} \div 88^{20} =$ _____

2) $35^{21} \div 35^{14} =$ _____

3) $94^{25} \div 94^{12} =$ _____

4) $51^{14} \div 51^{13} =$ _____

5) $45^{17} \div 45^2 =$ _____

6) $9^{29} \div 9^{13} =$ _____

7) $95^{15} \div 95^{11} =$ _____

8) $4^{26} \div 4^{12} =$ _____

9) $71^{22} \div 71^{17} =$ _____

10) $13^{14} \div 13^8 =$ _____

11) $46^{18} \div 46^2 =$ _____

12) $91^{16} \div 91^{10} =$ _____

13) $9^{27} \div 9^{21} =$ _____

14) $12^{23} \div 12^{14} =$ _____

15) $80^{15} \div 80^{11} =$ _____

16) $84^{17} \div 84^{14} =$ _____

17) $45^{24} \div 45^{22} =$ _____

18) $92^{13} \div 92^3 =$ _____

19) $58^{19} \div 58^{12} =$ _____

20) $7^{28} \div 7^{13} =$ _____

Exponents Rules

Name: _____

Date: _____

Rewrite each expression using quotient rule.

1) $88^{22} \div 88^{20} = \underline{88^2}$

2) $35^{21} \div 35^{14} = \underline{35^7}$

3) $94^{25} \div 94^{12} = \underline{94^{13}}$

4) $51^{14} \div 51^{13} = \underline{51^1}$

5) $45^{17} \div 45^2 = \underline{45^{15}}$

6) $9^{29} \div 9^{13} = \underline{9^{16}}$

7) $95^{15} \div 95^{11} = \underline{95^4}$

8) $4^{26} \div 4^{12} = \underline{4^{14}}$

9) $71^{22} \div 71^{17} = \underline{71^5}$

10) $13^{14} \div 13^8 = \underline{13^6}$

11) $46^{18} \div 46^2 = \underline{46^{16}}$

12) $91^{16} \div 91^{10} = \underline{91^6}$

13) $9^{27} \div 9^{21} = \underline{9^6}$

14) $12^{23} \div 12^{14} = \underline{12^9}$

15) $80^{15} \div 80^{11} = \underline{80^4}$

16) $84^{17} \div 84^{14} = \underline{84^3}$

17) $45^{24} \div 45^{22} = \underline{45^2}$

18) $92^{13} \div 92^3 = \underline{92^{10}}$

19) $58^{19} \div 58^{12} = \underline{58^7}$

20) $7^{28} \div 7^{13} = \underline{7^{15}}$