Equations with Exponents

Grade 6 Exponents Worksheet

Date:_____ Name:_____

LET'S MAKE LEARNING EXPONENTS FUN

Solve the following expressions.

1. $1^3 \div 2^4 =$ _____	11. $0^{10} \times 17^{11} =$ _____
2. $24^2 \div 8^1 =$ _____	12. $13^2 - 2^7 =$ _____
3. $7^2 \times 1^6 =$ _____	13. $9^2 + 3^3 =$ _____
4. $3^3 + 0^6 =$ _____	14. $10^1 \div 5^2 =$ _____
5. $0^{13} - 5^3 =$ _____	15. $8^2 \div 1^6 =$ _____
6. $10^2 + 1^7 =$ _____	16. $1^8 \times 2^3 =$ _____
7. $0^8 - 8^2 =$ _____	17. $13^2 - 7^2 =$ _____
8. $10^3 - 0^{33} =$ _____	18. $7^3 - 5^3 =$ _____
9. $2^3 + 11^2 =$ _____	19. $26^1 + 4^2 =$ _____
10. $6^2 \div 6^1 =$ _____	20. $15^2 + 2^3 =$ _____

Equations with Exponents

Grade 6 Exponents Answer Sheet

1.	$1^3 \div 2^4 = \frac{1}{16}$	11.	$0^{10} \times 17^{11} = 0$
2.	$24^2 \div 8^1 = 72$	12.	$13^2 - 2^7 = 41$
3.	$7^2 \times 1^6 = 49$	13.	$9^2 + 3^3 = 108$
4.	$3^3 + 0^6 = 27$	14.	$10^1 \div 5^2 = 4$
5.	$0^{13} - 5^3 = -125$	15.	$8^2 \div 1^6 = 64$
6.	$10^2 + 1^7 = 101$	16.	$1^8 \times 2^3 = 8$
7.	$0^8 - 8^2 = -64$	17.	$13^2 - 7^2 = 120$
8.	$10^3 - 0^{33} = 1000$	18.	$7^3 - 5^3 = 218$
9.	$2^3 + 11^2 = 129$	19.	$26^1 + 4^2 = 42$
10.	$6^2 \div 6^1 = 6$	20.	$15^2 + 2^3 = 233$