



Equations with Exponents

Grade 6 Exponents Worksheet

Date: _____

Name: _____

LET'S MAKE LEARNING EXPONENTS FUN

Solve the following expressions.

1. $1^3 \div 2^4 =$ _____

2. $24^2 \div 8^1 =$ _____

3. $7^2 \times 1^6 =$ _____

4. $3^3 + 0^6 =$ _____

5. $0^{13} - 5^3 =$ _____

6. $10^2 + 1^7 =$ _____

7. $0^8 - 8^2 =$ _____

8. $10^3 - 0^{33} =$ _____

9. $2^3 + 11^2 =$ _____

10. $6^2 \div 6^1 =$ _____

11. $0^{10} \times 17^{11} =$ _____

12. $13^2 - 2^7 =$ _____

13. $9^2 + 3^3 =$ _____

14. $10^1 \div 5^2 =$ _____

15. $8^2 \div 1^6 =$ _____

16. $1^8 \times 2^3 =$ _____

17. $13^2 - 7^2 =$ _____

18. $7^3 - 5^3 =$ _____

19. $26^1 + 4^2 =$ _____

20. $15^2 + 2^3 =$ _____



Equations with Exponents

Grade 6 Exponents Answer Sheet

1. $1^3 \div 2^4 = \underline{\frac{1}{16}}$

2. $24^2 \div 8^1 = \underline{72}$

3. $7^2 \times 1^6 = \underline{49}$

4. $3^3 + 0^6 = \underline{27}$

5. $0^{13} - 5^3 = \underline{-125}$

6. $10^2 + 1^7 = \underline{101}$

7. $0^8 - 8^2 = \underline{-64}$

8. $10^3 - 0^{33} = \underline{1000}$

9. $2^3 + 11^2 = \underline{129}$

10. $6^2 \div 6^1 = \underline{6}$

11. $0^{10} \times 17^{11} = \underline{0}$

12. $13^2 - 2^7 = \underline{41}$

13. $9^2 + 3^3 = \underline{108}$

14. $10^1 \div 5^2 = \underline{4}$

15. $8^2 \div 1^6 = \underline{64}$

16. $1^8 \times 2^3 = \underline{8}$

17. $13^2 - 7^2 = \underline{120}$

18. $7^3 - 5^3 = \underline{218}$

19. $26^1 + 4^2 = \underline{42}$

20. $15^2 + 2^3 = \underline{233}$