



Exponents with whole number bases

Grade 6 Exponents Worksheet

Solve the following exponents.

1. $10^1 =$ _____

2. $1^8 =$ _____

3. $7^4 =$ _____

4. $10^9 =$ _____

5. $2^6 =$ _____

6. $7^1 =$ _____

7. $10^3 =$ _____

8. $10^8 =$ _____

9. $0^4 =$ _____

10. $7^6 =$ _____

11. $9^6 =$ _____

12. $3^1 =$ _____

I completed this assignment by myself without using a calculator, internet, or any outside help.

Signed: _____



Equations with exponents – including decimal and fractional bases

Grade 6 Exponents Worksheet

Solve the following expressions.

1) $\left(\frac{1}{2}\right)^5 \times 4^2$

7) $0^3 \div \left(\frac{1}{12}\right)^6$

2) $0.1^2 \times 10^3$

8) $\left(\frac{9}{7}\right)^2 + \left(\frac{2}{7}\right)^3$

3) $\left(\frac{2}{5}\right)^3 \div 0.5^2$

9) $\left(\frac{5}{3}\right)^3 \times \left(\frac{3}{2}\right)^2$

4) $3^3 \times \left(\frac{2}{13}\right)^0$

10) $5^3 \times 0.5^3$

5) $9^2 + 1.2^1$

11) $\left(\frac{1}{4}\right)^2 - \left(\frac{1}{8}\right)^2$

6) $2.1^2 - 3^2$

12) $0.5^1 + 0.8^2$

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Signed: _____