NÚMEROS NATURAIS
Ficha de trabalho: **Expressões numéricas**

6º ANO

MATEMÁTICA

Nome: _____

Data: ___/___/___

Mentes Brilhantes

1. Calcula o valor de cada uma das expressões.

1.1. $5 + 2 \times 3^2$

1.2. $6^5 \div (2^3 \times 3^3)$

1.3. $(3^4)^2 \div 5^8 \times \left(\frac{5}{3}\right)^8$

1.4. $\left(\frac{1}{2}\right)^3 \div \left(\frac{1}{2}\right)^2 \times 3^2$

1.5. $\frac{2^5 \times 2^4 \div 2^7}{3^2}$

1.6. $\left(1 - \frac{1}{2}\right)^2 \div \frac{1}{4} + \frac{1}{3}$

1.7. $\frac{100^2 \div 10^4}{10} \times 1^5$

1.8. $8^6 \div (3^2)^3 \times \left(\frac{3}{8}\right)^6 + 1^5$

1.9. $\frac{3^5 \times 2^6 \times 3^6}{3^5} \div 6^5$

1.10. $\frac{3^{2^3} \times (3 \times 2)^8 \div 18^7}{2^3}$

1.11. $\left(\frac{3}{2}\right)^8 \div \left[\left(\frac{3}{2}\right)^2\right]^3 \div \left(\frac{3}{2}\right)^2 \times 2^2$

1.12. $0,8 - \left(\frac{2}{5}\right)^5 \div \left(\frac{2}{5}\right)^4 + \frac{3}{10}$

1.13. $\left(\frac{7}{4} - 1\right)^{16} \div \left(2 - \frac{5}{4}\right)^{16} \div \frac{3}{4}$

1.14. $\frac{3}{16} \div \left(\frac{1}{5} \times \frac{5}{4}\right)^2 + 0,1 \times 2^2$

1.15. $\left(\frac{2}{7} - \frac{1}{7}\right)^5 \div \left(\frac{1}{7}\right)^3 + \left(\frac{1}{7}\right)^2$

1.16. $\left(1 - \frac{1}{4}\right)^2 + \left[\left(\frac{3}{4}\right)^2\right]^4 \div \left(\frac{3}{4}\right)^3 \times \left(\frac{4}{3}\right)^5$

1.17. $5 \div 0,1 + \left(\frac{2}{3}\right)^2 \div \frac{1}{9}$

1.18. $\frac{3}{5} + \frac{2}{5} \div (1 - 0,75)$

1.19. $1 - \left(\frac{2}{5}\right)^2 + \left(\frac{2}{5}\right)^3$

1.20. $\left(\frac{3}{8}\right)^2 \div \left(\frac{1}{2}\right)^3 - \frac{3}{4}$

1.21. $\left(\frac{1}{10}\right)^2 \div 0,1 + \frac{3}{2} \times 2 - \frac{1}{5}$