Order of Operations with Exponents

Name: _____ Score: _____

Use the BODMAS rules and solve the following equations.

$3 \times 8^2 + 30 \div 6 =$

$20 - 10 \div 5 + 4^3 \times 5 =$

$(5^2 + 50) \times 2 - 25 =$

$-4^2 \times (12 - 15) + 20 =$

$75 - 3 \times 10^2 \div 20 =$

$9^2 \times (10 - 11) + 81 =$

$100 - 2 \times (5^3 + 20) =$

$(30 - 20) \div 5 + 2^3 \times 2 =$

$5^3 \times 2 - 6^3 \div 6 =$

$100 - 2 \times 7^2 + 20 =$

$300 \div (6^3 - 66) + 8^2 =$

$25 + 32 \div 2^5 + 9 =$

$(2^4 + 24) \times 2 - 80 =$

$100 - 2 \times 4^4 \div 32 =$

$2^3 \times (37 - 3^3) \div 4 =$

$2 \times (5^2 + 30) \div 5 =$

Answers

Use the BODMAS rules and solve the following equations.

$3 \times 8^2 + 30 \div 6 = 20$

$20 - 10 \div 5 + 4^3 \times 5 = 338$

$(5^2 + 50) \times 2 - 25 = 125$

$-4^2 \times (12 - 15) + 20 = 68$

$75 - 3 \times 10^2 \div 20 = 60$

$9^2 \times (10 - 11) + 81 = 0$

$100 - 2 \times (5^3 + 20) = -190$

$(30 - 20) \div 5 + 2^3 \times 2 = 18$

$5^3 \times 2 - 6^3 \div 6 = 214$

$100 - 2 \times 7^2 + 20 = 22$

$300 \div (6^3 - 66) + 8^2 = 66$

$25 + 32 \div 2^5 + 9 = 35$

$(2^4 + 24) \times 2 - 80 = 0$

$100 - 2 \times 4^4 \div 32 = 84$

$2^3 \times (37 - 3^3) \div 4 = 20$

$2 \times (5^2 + 30) \div 5 = 22$