# Order of Operations with Exponents

Name: _____ Score: _____

Use the BODMAS rules and solve the following equations.

$3 \times 20^2 \div 30 =$

$4^3 + 5^3 \div 5 =$

$3^3 - 81 \div 3 =$

$15 \times 4^2 + 20 =$

$-5^2 \times 2 \div 50 =$

$2 \div 2^3 \times 2^2 =$

$6^2 - (-144) \div 12 =$

$64 \div 2^5 + 9 =$

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

$-2^3 \times 4 \div 8 =$

$2 \div 3^6 \times 9^4 =$

$2^6 + 4^3 \div 2 =$

$64 \div 2^5 + 18 =$

$3 \times 10^3 \div 50 =$

$5^3 - 75 \div 15 =$

$6^3 - (-64) \div 2 =$

# Answers

Use the BODMAS rules and solve the following equations.

$3 \times 20^2 \div 30 = $ 40

$4^3 + 5^3 \div 5 = $ 89

$3^3 - 81 \div 3 = $ 0

$15 \times 4^2 + 20 = $ 260

$-5^2 \times 2 \div 50 = $ -1

$2 \div 2^3 \times 2^2 = $ 1

$6^2 - (-144) \div 12 = $ 48

$64 \div 2^5 + 9 = $ 11

$3 \times 10^2 \div 20 = $ 15

$-2^3 \times 4 \div 8 = $ -4

$2 \div 3^6 \times 9^4 = $ 18

$2^6 + 4^3 \div 2 = $ 96

$64 \div 2^5 + 18 = $ 20

$3 \times 10^3 \div 50 = $ 60

$5^3 - 75 \div 15 = $ 120

$6^3 - (-64) \div 2 = $ 248