

Dividing Exponents by Whole Numbers

Name: _____ Score: _____

Divide the following exponents by whole numbers.

$10^3 \div 10 =$

$10^4 \div 40 =$

$30^3 \div 60 =$

$9^3 \div 9 =$

$8^4 \div 32 =$

$10^0 \div 1 =$

$6^4 \div 12 =$

$5^5 \div 25 =$

$40^2 \div 8 =$

$6^4 \div 36 =$

$17^3 \div 17 =$

$6^4 \div 9 =$

$2^7 \div 16 =$

$10^4 \div 20 =$

$2^6 \div 32 =$

$8^5 \div 64 =$

$3^6 \div 9 =$

$4^6 \div 64 =$

$12^3 \div 9 =$

$12^2 \div 12 =$

$12^4 \div 96 =$

Answers

Divide the following exponents by whole numbers.

$$10^3 \div 10 = 100 \quad 10^4 \div 40 = 250 \quad 30^3 \div 60 = 450$$

$$9^3 \div 9 = 81 \quad 8^4 \div 32 = 128 \quad 10^0 \div 1 = 1$$

$$6^4 \div 12 = 108 \quad 5^5 \div 25 = 125 \quad 40^2 \div 8 = 200$$

$$6^4 \div 36 = 36 \quad 17^3 \div 17 = 289 \quad 6^4 \div 9 = 144$$

$$2^7 \div 16 = 8 \quad 10^4 \div 20 = 500 \quad 2^6 \div 32 = 2$$

$$8^5 \div 64 = 512 \quad 3^6 \div 9 = 81 \quad 4^6 \div 64 = 64$$

$$12^3 \div 9 = 192 \quad 12^2 \div 12 = 12 \quad 12^4 \div 96 = 216$$