Dividing Exponents by Whole Numbers

Name: _____ Score: _____

Divide the following exponents by whole numbers.

$10^2 \div 25 =$	$10^3 \div 40 =$	$30^2 \div 15 =$
$9^4 \div 27 =$	$8^4 \div 16 =$	$10^0 \div 1 =$
$6^4 \div 12 =$	$5^4 \div 25 =$	$20^2 \div 8 =$
$7^4 \div 49 =$	$11^3 \div 11 =$	$6^4 \div 3 =$
$2^6 \div 8 =$	$10^4 \div 50 =$	$2^4 \div 16 =$
$4^5 \div 32 =$	$3^5 \div 9 =$	$4^6 \div 64 =$
$12^3 \div 6 =$	$10^2 \div 10 =$	$10^4 \div 80 =$

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Answers

Divide the following exponents by whole numbers.

$10^2 \div 25 = 4$ $10^3 \div 40 = 25$ $30^2 \div 15 = 60$

$9^4 \div 27 = 243$ $8^4 \div 16 = 256$ $10^0 \div 1 = 1$

$6^4 \div 12 = 108$ $5^4 \div 25 = 25$ $20^2 \div 8 = 50$

$7^4 \div 49 = 49$ $11^3 \div 11 = 121$ $6^4 \div 3 = 432$

$2^6 \div 8 = 8$ $10^4 \div 50 = 200$ $2^4 \div 16 = 1$

$4^5 \div 32 = 32$ $3^5 \div 9 = 27$ $4^6 \div 64 = 64$

$12^3 \div 6 = 288$ $10^2 \div 10 = 10$ $10^4 \div 80 = 125$

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