

Name: Class:

Evaluate exponents

a. Evaluate 7^3 and calculate the product.

b. Evaluate 3^5 and calculate the product.

c. Evaluate 8^3 and calculate the product.

d. Evaluate 12^2 and calculate the product.



e. Evaluate and calculate the exponent expression below.

Exponents expressions	Answer	Exponents expressions	Answer
$5^4 = 5 \times 5 \times 5 \times 5$	625	$3^7 =$
$9^0 =$	$11^6 =$
$10^5 =$	$20,500^1 =$
$6^6 =$	$2^8 =$
$23^3 =$	$7^8 =$



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Evaluate exponents

a. Evaluate 7^3 and calculate the product.▶ The right answer is : $7 \times 7 \times 7 = 343$ b. Evaluate 3^5 and calculate the product.▶ The right answer is : $3 \times 3 \times 3 \times 3 \times 3 = 243$ c. Evaluate 8^3 and calculate the product.▶ The right answer is : $8 \times 8 \times 8 = 512$ d. Evaluate 12^2 and calculate the product.▶ The right answer is : $12 \times 12 = 144$ 

e. Evaluate and calculate the exponent expression below.

Exponent expressions	Answer	Exponent expressions	Answer
$5^4 = 5 \times 5 \times 5 \times 5$	625	$3^7 = 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$	2,187
$9^0 = 1$	1	$11^6 = 11 \times 11 \times 11 \times 11 \times 11 \times 11$	1,771,561
$10^5 = 10 \times 10 \times 10 \times 10 \times 10$	100,000	$20,500^1 = 20,500$	20,500
$6^6 = 6 \times 6 \times 6 \times 6 \times 6 \times 6$	46,656	$2^8 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$	256
$23^3 = 23 \times 23 \times 23$	12,167	$7^8 = 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$	5,764,801