

Name:

Date:

Subject: Mathematics

Grade: 6

Topic: Exponential Form

Directions: Match each equation with the exponential form that matches.

6^3 

 10×10

7^2 

 $6 \times 6 \times 6$

9^4 

 7×7

10^4 

 $10 \times 10 \times 10 \times 10$

10^2 

 $5 \times 5 \times 5 \times 5$

5^4 

 $9 \times 9 \times 9 \times 9$

Complete the table below

EXPONENTIAL FORM	FACTOR	STANDARD FORM
5^2	5×5	
	$6 \times 6 \times 6 \times 6$	
		64
10^6		
3^6		
	$7 \times 7 \times 7$	
		256
12^3		
1^6		
	$4 \times 4 \times 4$	

Find the value of the following.

$$2^2 + 3^3 =$$

$$4^2 + 13^0 =$$

$$4^2 + 1^1 =$$

$$5^3 + 3^4 =$$

$$6^3 - 10^1 =$$