



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 When calculating the value of a number with an exponent, **multiply the number by itself as many times as indicated by the exponent.**  
 Ex:  $5^4 = 5 \times 5 \times 5 \times 5 = 625$ .

What is  $4^5$  or  $4 \times 4 \times 4 \times 4 \times 4$ ?

- A 1,024
- B 2,450
- C 256
- D 4,096



2  $7^3 = 7 \times 7 \times 7 =$

- A 21
- B 49
- C 343
- D 147



3  $10^4 = 10 \times 10 \times 10 \times 10 =$

- A 1,000
- B 10,000
- C 4,000



4  $20^2 = 20 \times 20 =$

- A 40
- B 40.0



5



## PREVIEW

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7

- C 65
- D 360

True or false?

- A true
- B false

9

$4^3 = 4 \times 4 \times 4 = 60$

True or false?

- A true
- B false



10

$5^3 = 5 \times 5 \times 5 = 125$

True or false?

- A true
- B false



$5^3 = ?$



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(A)

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(C)

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(B)

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(D)

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(B)

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(A)