

## 4 Powers of Natural Numbers

EVALUATED



Skill Builder

- 1** Write the following product using Exponential Notation

$$(2)(2)(2)(2)(2) = ?$$

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- 2** Write the following product using Exponential Notation

$$(3)(3)(3)(3) = ?$$

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- 3** Express the following power as a product of factors.

$$2^3 = ?$$

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- 4** Express the following power as a product of factors.

$$7^6 = ?$$

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- 5** Find the value of the Natural Number  $x$  in the equation below.

$$5^x = 1$$

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- 6** Find the value of the Natural Number  $x$  in the equation below.

$$x^3 = 27$$

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- 7** Express the number 1000 as a power of 10.
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- 8** Express the number 243 as a power of 3.
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- 9** Calculate the power  $6^0 = ?$
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- 10** Calculate the power  $2^5 = ?$
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Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Evaluate the Exponents

1 )  $(2)^3 =$  \_\_\_\_\_

11 )  $(7)^3 =$  \_\_\_\_\_

2 )  $(8)^1 =$  \_\_\_\_\_

12 )  $(4)^0 =$  \_\_\_\_\_

3 )  $(9)^5 =$  \_\_\_\_\_

13 )  $(5)^2 =$  \_\_\_\_\_

4 )  $(6)^0 =$  \_\_\_\_\_

14 )  $(2)^1 =$  \_\_\_\_\_

5 )  $(8)^2 =$  \_\_\_\_\_

15 )  $(3)^5 =$  \_\_\_\_\_

6 )  $(2)^0 =$  \_\_\_\_\_

16 )  $(6)^2 =$  \_\_\_\_\_

7 )  $(3)^2 =$  \_\_\_\_\_

17 )  $(12)^4 =$  \_\_\_\_\_

8 )  $(5)^5 =$  \_\_\_\_\_

18 )  $(10)^3 =$  \_\_\_\_\_

9 )  $(9)^4 =$  \_\_\_\_\_

19 )  $(3)^0 =$  \_\_\_\_\_

10 )  $(2)^5 =$  \_\_\_\_\_

20 )  $(12)^1 =$  \_\_\_\_\_