

# Evaluate the Exponents

Name: \_\_\_\_\_

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

Solve the following expressions.

1)  $(20)^3 =$  \_\_\_\_\_

2)  $(-12)^3 =$  \_\_\_\_\_

3)  $(5)^{-2} =$  \_\_\_\_\_

4)  $(10)^{-4} =$  \_\_\_\_\_

5)  $(4)^{-5} =$  \_\_\_\_\_

6)  $(-14)^{-2} =$  \_\_\_\_\_

7)  $(14)^3 =$  \_\_\_\_\_

8)  $2^6 =$  \_\_\_\_\_

9)  $5^0 =$  \_\_\_\_\_

10)  $(18)^0 =$  \_\_\_\_\_

11)  $(-11)^2 =$  \_\_\_\_\_

12)  $(-8)^4 =$  \_\_\_\_\_

13)  $(9)^{-3} =$  \_\_\_\_\_

14)  $(15)^{-3} =$  \_\_\_\_\_

15)  $(7)^{-4} =$  \_\_\_\_\_

16)  $(-1)^3 =$  \_\_\_\_\_

17)  $(6)^2 =$  \_\_\_\_\_

18)  $(-3)^8 =$  \_\_\_\_\_

## Evaluate the Exponents

Name: \_\_\_\_\_

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

Solve the following expressions.

1)  $(20)^3 = \underline{\hspace{2cm} 8000 \hspace{2cm}}$

2)  $(-12)^3 = \underline{\hspace{2cm} -1728 \hspace{2cm}}$

3)  $(5)^{-2} = \underline{\hspace{2cm} \frac{1}{25} \hspace{2cm}}$

4)  $(10)^{-4} = \underline{\hspace{2cm} \frac{1}{10000} \hspace{2cm}}$

5)  $(4)^{-5} = \underline{\hspace{2cm} \frac{1}{1024} \hspace{2cm}}$

6)  $(-14)^{-2} = \underline{\hspace{2cm} \frac{1}{196} \hspace{2cm}}$

7)  $(14)^3 = \underline{\hspace{2cm} 2744 \hspace{2cm}}$

8)  $2^6 = \underline{\hspace{2cm} 64 \hspace{2cm}}$

9)  $5^0 = \underline{\hspace{2cm} 1 \hspace{2cm}}$

10)  $(18)^0 = \underline{\hspace{2cm} 1 \hspace{2cm}}$

11)  $(-11)^2 = \underline{\hspace{2cm} 121 \hspace{2cm}}$

12)  $(-8)^4 = \underline{\hspace{2cm} 4096 \hspace{2cm}}$

13)  $(9)^{-3} = \underline{\hspace{2cm} \frac{1}{729} \hspace{2cm}}$

14)  $(15)^{-3} = \underline{\hspace{2cm} \frac{1}{3375} \hspace{2cm}}$

15)  $(7)^{-4} = \underline{\hspace{2cm} \frac{1}{2401} \hspace{2cm}}$

16)  $(-1)^3 = \underline{\hspace{2cm} -1 \hspace{2cm}}$

17)  $(6)^2 = \underline{\hspace{2cm} 36 \hspace{2cm}}$

18)  $(-3)^8 = \underline{\hspace{2cm} 6561 \hspace{2cm}}$