

# Evaluate the Exponents

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

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

Solve the following expressions.

1)  $24^0 =$  \_\_\_\_\_

2)  $(-23)^1 =$  \_\_\_\_\_

3)  $(17)^{-2} =$  \_\_\_\_\_

4)  $(-20)^3 =$  \_\_\_\_\_

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

6)  $(15)^{-4} =$  \_\_\_\_\_

7)  $(3)^{-6} =$  \_\_\_\_\_

8)  $(12)^3 =$  \_\_\_\_\_

9)  $4^6 =$  \_\_\_\_\_

10)  $(-8)^{-5} =$  \_\_\_\_\_

11)  $(-12)^4 =$  \_\_\_\_\_

12)  $(13)^{-3} =$  \_\_\_\_\_

13)  $(4)^0 =$  \_\_\_\_\_

14)  $(-6)^5 =$  \_\_\_\_\_

15)  $(7)^{-5} =$  \_\_\_\_\_

16)  $(9)^{-5} =$  \_\_\_\_\_

17)  $(-5)^{-5} =$  \_\_\_\_\_

18)  $(6)^{-3} =$  \_\_\_\_\_

# Evaluate the Exponents

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

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

Solve the following expressions.

$$1) \quad 24^0 = \underline{\quad 1 \quad}$$

$$2) \quad (-23)^1 = \underline{\quad -23 \quad}$$

$$3) \quad (17)^{-2} = \underline{\quad \frac{1}{289} \quad}$$

$$4) \quad (-20)^3 = \underline{\quad -8000 \quad}$$

$$5) \quad (-9)^5 = \underline{\quad -59049 \quad}$$

$$6) \quad (15)^{-4} = \underline{\quad \frac{1}{50625} \quad}$$

$$7) \quad (3)^{-6} = \underline{\quad \frac{1}{729} \quad}$$

$$8) \quad (12)^3 = \underline{\quad 1728 \quad}$$

$$9) \quad 4^6 = \underline{\quad 4096 \quad}$$

$$10) \quad (-8)^{-5} = \underline{\quad -\frac{1}{32768} \quad}$$

$$11) \quad (-12)^4 = \underline{\quad 20736 \quad}$$

$$12) \quad (13)^{-3} = \underline{\quad \frac{1}{2197} \quad}$$

$$13) \quad (4)^0 = \underline{\quad 1 \quad}$$

$$14) \quad (-6)^5 = \underline{\quad -7776 \quad}$$

$$15) \quad (7)^{-5} = \underline{\quad \frac{1}{16807} \quad}$$

$$16) \quad (9)^{-5} = \underline{\quad \frac{1}{59049} \quad}$$

$$17) \quad (-5)^{-5} = \underline{\quad \frac{1}{3125} \quad}$$

$$18) \quad (6)^{-3} = \underline{\quad \frac{1}{216} \quad}$$