

# Evaluate the Exponents

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

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

Solve the following expressions.

1)  $16^0 =$  \_\_\_\_\_

2)  $12^{-4} =$  \_\_\_\_\_

3)  $32^{-2} =$  \_\_\_\_\_

4)  $11^{-4} =$  \_\_\_\_\_

5)  $14^{-3} =$  \_\_\_\_\_

6)  $2^{-12} =$  \_\_\_\_\_

7)  $11^{-4} =$  \_\_\_\_\_

8)  $2^{-10} =$  \_\_\_\_\_

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

10)  $4^{-7} =$  \_\_\_\_\_

11)  $7^{-3} =$  \_\_\_\_\_

12)  $3^{-7} =$  \_\_\_\_\_

13)  $25^0 =$  \_\_\_\_\_

14)  $13^{-4} =$  \_\_\_\_\_

15)  $17^{-2} =$  \_\_\_\_\_

16)  $30^{-2} =$  \_\_\_\_\_

## Evaluate the Exponents

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

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

Solve the following expressions.

$$1) \quad 16^0 = \underline{\quad 1 \quad}$$

$$2) \quad 12^{-4} = \underline{\quad \left(\frac{1}{20736}\right) \quad}$$

$$3) \quad 32^{-2} = \underline{\quad \left(\frac{1}{1024}\right) \quad}$$

$$4) \quad 11^{-4} = \underline{\quad \left(\frac{1}{14641}\right) \quad}$$

$$5) \quad 14^{-3} = \underline{\quad \left(\frac{1}{2744}\right) \quad}$$

$$6) \quad 2^{-12} = \underline{\quad \left(\frac{1}{4096}\right) \quad}$$

$$7) \quad 11^{-4} = \underline{\quad \left(\frac{1}{14641}\right) \quad}$$

$$8) \quad 2^{-10} = \underline{\quad \left(\frac{1}{1024}\right) \quad}$$

$$9) \quad 5^{-5} = \underline{\quad \left(\frac{1}{3125}\right) \quad}$$

$$10) \quad 4^{-7} = \underline{\quad \left(\frac{1}{16384}\right) \quad}$$

$$11) \quad 7^{-3} = \underline{\quad \left(\frac{1}{343}\right) \quad}$$

$$12) \quad 3^{-7} = \underline{\quad \left(\frac{1}{2187}\right) \quad}$$

$$13) \quad 25^0 = \underline{\quad 1 \quad}$$

$$14) \quad 13^{-4} = \underline{\quad \left(\frac{1}{28561}\right) \quad}$$

$$15) \quad 17^{-2} = \underline{\quad \left(\frac{1}{289}\right) \quad}$$

$$16) \quad 30^{-2} = \underline{\quad \left(\frac{1}{900}\right) \quad}$$