

## Evaluate the Exponents

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

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

**Solve the following expressions.**

1)  $6^4 \div (-3)^4$  = \_\_\_\_\_

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

3)  $(-6)^5 + (-2)^5$  = \_\_\_\_\_

4)  $8^4 \div (-2)^{10}$  = \_\_\_\_\_

5)  $(-2)^{10} + (-6)^3$  = \_\_\_\_\_

6)  $(-7)^3 \times 3^3$  = \_\_\_\_\_

7)  $(-2)^5 - 1^{58}$  = \_\_\_\_\_

8)  $4^5 - (-1)^{16}$  = \_\_\_\_\_

9)  $(-5)^3 + (4)^5$  = \_\_\_\_\_

10)  $(-8)^3 \div (2)^4$  = \_\_\_\_\_

11)  $(-16)^3 \times 5^1$  = \_\_\_\_\_

12)  $3^2 \times (-9)^3$  = \_\_\_\_\_

## Evaluate the Exponents

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

Solve the following expressions.

$$1) \quad 6^4 \div (-3)^4 = \underline{\quad 16 \quad}$$

$$2) \quad (-7)^2 \times 3^3 = \underline{\quad 1323 \quad}$$

$$3) \quad (-6)^5 + (-2)^5 = \underline{\quad -7808 \quad}$$

$$4) \quad 8^4 \div (-2)^{10} = \underline{\quad 4 \quad}$$

$$5) \quad (-2)^{10} + (-6)^3 = \underline{\quad 808 \quad}$$

$$6) \quad (-7)^3 \times 3^3 = \underline{\quad -9261 \quad}$$

$$7) \quad (-2)^5 - 1^{58} = \underline{\quad -33 \quad}$$

$$8) \quad 4^5 - (-1)^{16} = \underline{\quad 1023 \quad}$$

$$9) \quad (-5)^3 + (4)^5 = \underline{\quad 899 \quad}$$

$$10) \quad (-8)^3 \div (2)^4 = \underline{\quad -32 \quad}$$

$$11) \quad (-16)^3 \times 5^1 = \underline{\quad -20480 \quad}$$

$$12) \quad 3^2 \times (-9)^3 = \underline{\quad -6561 \quad}$$