

## Evaluate the Exponents

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

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

**Solve the following expressions.**

1)  $(-8)^2 + (7)^3 =$  \_\_\_\_\_

2)  $8^3 \times (-2)^3 =$  \_\_\_\_\_

3)  $16^2 \div (-2)^4 =$  \_\_\_\_\_

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

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

6)  $(-4)^5 \times (-1)^5 =$  \_\_\_\_\_

7)  $(-3)^5 \div (-9)^1 =$  \_\_\_\_\_

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

9)  $(-9)^3 - 2^4 =$  \_\_\_\_\_

10)  $8^4 \div (-2)^{12} =$  \_\_\_\_\_

11)  $(-5)^6 + (-6)^2 =$  \_\_\_\_\_

12)  $(-11)^2 \times 14^0 =$  \_\_\_\_\_

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**Solve the following expressions.**

$$1) \quad (-8)^2 + (7)^3 = \underline{407}$$

$$2) \quad 8^3 \times (-2)^3 = \underline{-4096}$$

$$3) \quad 16^2 \div (-2)^4 = \underline{16}$$

$$4) \quad (-10)^2 - (-4)^3 = \underline{164}$$

$$5) \quad (-3)^5 + (-4)^4 = \underline{13}$$

$$6) \quad (-4)^5 \times (-1)^5 = \underline{1024}$$

$$7) \quad (-3)^5 \div (-9)^1 = \underline{27}$$

$$8) \quad 4^4 \times (-10)^2 = \underline{25600}$$

$$9) \quad (-9)^3 - 2^4 = \underline{-745}$$

$$10) \quad 8^4 \div (-2)^{12} = \underline{1}$$

$$11) \quad (-5)^6 + (-6)^2 = \underline{15661}$$

$$12) \quad (-11)^2 \times 14^0 = \underline{121}$$