



# Exponents with Negative Bases

Grade 6 Exponents Worksheet

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

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

## LET'S MAKE LEARNING EXPONENTS FUN

Solve the following expressions.

1.  $0^{11} + 13^0 =$  \_\_\_\_\_

2.  $6^2 \div (-4)^1 =$  \_\_\_\_\_

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

4.  $0^6 \div 77^0 =$  \_\_\_\_\_

5.  $(-2)^2 \times 3^3 =$  \_\_\_\_\_

6.  $37^0 - (-2)^7 =$  \_\_\_\_\_

7.  $(-5)^2 + 21^1 =$  \_\_\_\_\_

8.  $10^3 \div 10^2 =$  \_\_\_\_\_

9.  $4^3 + 10^3 =$  \_\_\_\_\_

10.  $15^2 - 2^4 =$  \_\_\_\_\_

11.  $1^{124} + (-1)^{623} =$  \_\_\_\_\_

12.  $(-3)^4 + 5^2 =$  \_\_\_\_\_

13.  $(-2)^5 \times (-4)^3 =$  \_\_\_\_\_

14.  $7^3 + (-1)^{208} =$  \_\_\_\_\_

15.  $(-1)^3 \times 59^0 =$  \_\_\_\_\_

16.  $(-5)^3 - 3^2 =$  \_\_\_\_\_

17.  $2^2 \times (-3)^3 =$  \_\_\_\_\_

18.  $(-3)^2 - (-2)^2 =$  \_\_\_\_\_

19.  $8^2 \times 3^3 =$  \_\_\_\_\_

20.  $1^4 - 16^1 =$  \_\_\_\_\_

## Exponents with Negative Bases

### Grade 6 Exponents Answer Sheet

1.  $0^{11} + 13^0 = \underline{1}$

2.  $6^2 \div (-4)^1 = \underline{-9}$

3.  $(-8)^3 \div (-2)^3 = \underline{64}$

4.  $0^6 \div 77^0 = \underline{0}$

5.  $(-2)^2 \times 3^3 = \underline{108}$

6.  $37^0 - (-2)^7 = \underline{129}$

7.  $(-5)^2 + 21^1 = \underline{46}$

8.  $10^3 \div 10^2 = \underline{10}$

9.  $4^3 + 10^3 = \underline{1,064}$

10.  $15^2 - 2^4 = \underline{209}$

11.  $1^{124} + (-1)^{623} = \underline{0}$

12.  $(-3)^4 + 5^2 = \underline{106}$

13.  $(-2)^5 \times (-4)^3 = \underline{2,048}$

14.  $7^3 + (-1)^{208} = \underline{344}$

15.  $(-1)^3 \times 59^0 = \underline{-1}$

16.  $(-5)^3 - 3^2 = \underline{-134}$

17.  $2^2 \times (-3)^3 = \underline{-108}$

18.  $(-3)^2 - (-2)^2 = \underline{5}$

19.  $8^2 \times 3^3 = \underline{1,728}$

20.  $1^4 - 16^1 = \underline{-15}$