

## Arithmetik der Exponenten ( Negative Exponenten )

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

Datum: \_\_\_\_\_ Ergebnis: \_\_\_\_\_

$$(-3)^2 - 4 =$$

$$(-3)^2 + (-7) =$$

$$1^0 + (-6) =$$

$$7^2 + (-6) =$$

$$(-5) + 10 =$$

$$(-10)^2 - (-5) =$$

$$(-8)^2 - 6 =$$

$$10^{(-2)} - 10 =$$

$$10^2 - (-6) =$$

$$(-9)^2 - 2 =$$

$$3^0 + (-3) =$$

$$(-9)^{(-1)} + (-4) =$$

$$7^{(-2)} - (-10) =$$

$$(-1)^{(-2)} + (-10) =$$

$$(-1)^{(-2)} - (-4) =$$

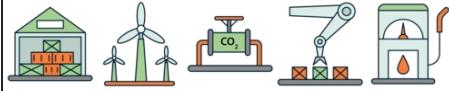
$$(-9)^{(-1)} + (-9) =$$

$$(-8)^{(-2)} - 1 =$$

$$(-7)^2 + 1 =$$

$$7^{(-2)} - 5 =$$

$$(-7)^{(-1)} - 9 =$$



## Arithmetik der Exponenten ( Negative Exponenten )

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

Datum: \_\_\_\_\_ Ergebnis: \_\_\_\_\_

$$(-3)^2 - 4 = 5$$

$$(-3)^2 + (-7) = 2$$

$$1^0 + (-6) = -5$$

$$7^2 + (-6) = 43$$

$$(-5) + 10 = 5$$

$$(-10)^2 - (-5) = 105$$

$$(-8)^2 - 6 = 58$$

$$10^{(-2)} - 10 = \left(-\frac{99}{100}\right) = \left(-9\frac{99}{100}\right)$$

$$10^2 - (-6) = 106$$

$$(-9)^2 - 2 = 79$$

$$3^0 + (-3) = -2$$

$$(-9)^{(-1)} + (-4) = \left(-\frac{37}{9}\right) = \left(-4\frac{1}{9}\right)$$

$$7^{(-2)} - (-10) = \frac{491}{49} = 10\frac{1}{49}$$

$$(-1)^{(-2)} + (-10) = -9$$

$$(-1)^{(-2)} - (-4) = 5$$

$$(-9)^{(-1)} + (-9) = \left(-\frac{82}{9}\right) = \left(-9\frac{1}{9}\right)$$

$$(-8)^{(-2)} - 1 = \left(-\frac{63}{64}\right)$$

$$(-7)^2 + 1 = 50$$

$$7^{(-2)} - 5 = \left(-\frac{244}{49}\right) = \left(-4\frac{48}{49}\right)$$

$$(-7)^{(-1)} - 9 = \left(-\frac{64}{7}\right) = \left(-9\frac{1}{7}\right)$$