



Arithmetik der Exponenten (Negative Exponenten)

Name: _____

Datum: _____ Ergebnis: _____

$$4^{(-2)} - (-7) = \quad 8^{(-2)} + (-1) =$$

$$(-4)^0 + 5 = \quad 5^{(-1)} + (-8) =$$

$$5^2 + 2 = \quad (-6) - (-1) =$$

$$(-1)^2 - (-5) = \quad 9^2 + 5 =$$

$$7^2 - (-1) = \quad (-6)^{(-2)} + (-6) =$$

$$8^2 + (-3) = \quad (-3)^{(-1)} + (-10) =$$

$$8^2 - 3 = \quad 8 + 2 =$$

$$6^{(-1)} - (-2) = \quad (-8)^2 + 10 =$$

$$(-2)^{(-1)} + (-4) = \quad (-3)^2 + 10 =$$

$$(-8)^{(-2)} + 8 = \quad (-10)^2 - (-7) =$$



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$$4^{(-2)} - (-7) = \frac{113}{16} = 7\frac{1}{16}$$

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

$$(-4)^0 + 5 = 6$$

$$5^{(-1)} + (-8) = \left(-\frac{39}{5}\right) = \left(-7\frac{4}{5}\right)$$

$$5^2 + 2 = 27$$

$$(-6) - (-1) = (-5)$$

$$(-1)^2 - (-5) = 6$$

$$9^2 + 5 = 86$$

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

$$(-6)^{(-2)} + (-6) = \left(-\frac{215}{36}\right) = \left(-5\frac{35}{36}\right)$$

$$8^2 + (-3) = 61$$

$$(-3)^{(-1)} + (-10) = \left(-\frac{31}{3}\right) = \left(-10\frac{1}{3}\right)$$

$$8^2 - 3 = 61$$

$$8 + 2 = 10$$

$$6^{(-1)} - (-2) = \frac{13}{6} = 2\frac{1}{6}$$

$$(-8)^2 + 10 = 74$$

$$(-2)^{(-1)} + (-4) = \left(-\frac{9}{2}\right) = \left(-4\frac{1}{2}\right)$$

$$(-3)^2 + 10 = 19$$

$$(-8)^{(-2)} + 8 = \frac{513}{64} = 8\frac{1}{64}$$

$$(-10)^2 - (-7) = 107$$