



Arithmetic of Exponents (Negative Exponents)

Name: _____

Date: _____ Score: _____

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

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

$$9^{(-1)} + (-8) =$$

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

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

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

$$9^{(-1)} + 6 =$$

$$1^2 - 4 =$$

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

$$2 - (-5) =$$

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

$$(-7)^{(-1)} - 4 =$$

$$5^{(-1)} - 9 =$$

$$10^0 + 3 =$$

$$(-9)^{(-2)} - 3 =$$

$$6 + 10 =$$

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

$$2^0 + (-5) =$$

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

$$(-6)^2 + (-4) =$$



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

$$(-3)^2 + 3 = 12$$

$$9^{(-1)} + (-8) = \left(-\frac{71}{9}\right) = \left(-7\frac{8}{9}\right)$$

$$(-5)^0 + (-4) = (-3)$$

$$(-10)^{(-1)} + (-2) = \left(-\frac{21}{10}\right) = \left(-2\frac{1}{10}\right)$$

$$(-8)^2 - 10 = 54$$

$$9^{(-1)} + 6 = \frac{55}{9} = 6\frac{1}{9}$$

$$1^2 - 4 = (-3)$$

$$2^{(-1)} - 8 = \left(-\frac{15}{2}\right) = \left(-7\frac{1}{2}\right)$$

$$2 - (-5) = 7$$

$$(-2)^2 - (-10) = 14$$

$$(-7)^{(-1)} - 4 = \left(-\frac{29}{7}\right) = \left(-4\frac{1}{7}\right)$$

$$5^{(-1)} - 9 = \left(-\frac{44}{5}\right) = \left(-8\frac{4}{5}\right)$$

$$10^0 + 3 = 4$$

$$(-9)^{(-2)} - 3 = \left(-\frac{242}{81}\right) = \left(-2\frac{80}{81}\right)$$

$$6 + 10 = 16$$

$$(-5)^{(-2)} + 7 = \frac{176}{25} = 7\frac{1}{25}$$

$$2^0 + (-5) = (-4)$$

$$(-2)^{(-2)} - (-10) = \frac{41}{4} = 10\frac{1}{4}$$

$$(-6)^2 + (-4) = 32$$