Arithmetic of Exponents (Negative Exponents)

Name: _____ Date: _____ Score: _____

$1^2 + 8 =$

$7^2 + 9 =$

$(-5) + 4 =$

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

$3^2 + 10 =$

$8^2 + (-1) =$

$5^{(-2)} - 9 =$

$9^0 + (-3) =$

$6^0 + 10 =$

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

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

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

$5^2 + (-2) =$

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

$6^0 - 7 =$

$9^0 + 8 =$

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

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

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

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

Arithmetic of Exponents (Negative Exponents)

Name: _____ Date: _____ Score: _____

$1^2 + 8 = 9$

$7^2 + 9 = 58$

$(-5) + 4 = (-1)$

$(-5)^2 - (-2) = 27$

$3^2 + 10 = 19$

$8^2 + (-1) = 63$

$5^{(-2)} - 9 = (-\frac{224}{25}) = (-8\frac{24}{25})$

$9^0 + (-3) = (-2)$

$6^0 + 10 = 11$

$(-5)^{(-1)} + 4 = \frac{19}{5} = 3\frac{4}{5}$

$9^{(-1)} - 1 = (-\frac{8}{9})$

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

$5^2 + (-2) = 23$

$(-10)^2 - (-8) = 108$

$6^0 - 7 = (-6)$

$9^0 + 8 = 9$

$(-8)^{(-1)} - (-8) = \frac{63}{8} = 7\frac{7}{8}$

$(-1)^{(-2)} + (-6) = (-5)$

$9^{(-2)} - (-3) = \frac{244}{81} = 3\frac{1}{81}$

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