

Zero & Negative Exponents

NAME _____

Hr _____

1

Simplify the expressions with positive exponents and all () too.

$$3^{-3} =$$

2

$$2^{-5} =$$

3

$$5^0 =$$

4

$$8^0 \cdot 2^{-3} =$$

5

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

6

$$x^{-4} y^2 =$$

7

$$3x^{-5}$$

8

$$\frac{x}{y^{-2}} =$$

9

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

10

$$\frac{7}{x^{-2}} =$$

11

$$\frac{9}{x^{-4}} =$$

12

$$8x^{-7}y^{-7} =$$

13

$$3a^{-3} =$$

14

$$\frac{3x^0}{y^{-3}} =$$

15

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

16

$$(5x)^0y^{-2}$$

17

$$\frac{1}{(3x)^{-3}} =$$

18

$$(2x)^{-2} \cdot 3y^5$$