

Name _____

Order of Operations Practice

Directions: Use the order of operations rules to evaluate the expressions.

1.) $4^2 \div [7.9 - (4.1 + 1.8)]$ 2.) $(14.7 + 9.3) \times \left(\frac{1}{2}\right)^2$ 3.) $12.3 + (6^2 - 11.8) - 1$

4.) $5^2 - 9 \div 3$

5.) $8 + 6 - 2 \times 2 - 3^2$

6.) $4^2 \div [(3.2 \times 2) + 1.6]$

7.) Nikki's backyard is in the shape of a rectangle. The length is 27 feet. The width is one-third the length plus 4 feet. Write and evaluate an expression to find the area of Nikki's backyard.

8.) Jessica bought a new computer for \$800. She puts \$120 down and got a student discount of \$50. Her mother gave her $\frac{1}{2}$ of the balance for her birthday. Use the numerical expression to find the amount that Jessica still owes on the computer.

$$[800 - (120 + 50)] \div 2$$

9.) A printing error in a math book removed the parentheses from the numerical expression below. Rewrite the expression below with parenthesis so that it is equivalent to 72.

$$3^2 + 7 \times 4 + 5$$