Name: _____   Date: _____

Learning Goal 2.3	I can evaluate an expression using order of operations with powers and applying exponent laws.

B	
E	
D	
M	
A	
S	

Example Evaluate the following expressions. Show all your work.

a. $3^3 + 2^3$ b. $(3+2)^3$ c. $3^3 - 2^3$ d. $(3-2)^3$

Example Evaluate the following expressions. Show all your work.

a. $(2 \times (-3)^3 - 6)^2$ b. $(18^2 + 5^0) \div (-5)^3$ c. $(4 \div 9^0)^2 \div (5 + (-3))$^2

Example Insert brackets to make the statement true

a. $8 + 6 \div 2$ $^2 + 9^0 \div 5 = 10$

b. $8 + 6 \div 2$ $^2 + 9^0 \div 5 = 10$

c. $8 + 6 \div 2$ $^2 + 9^0 \div 5 = 14$