\*Learning Target:

\*Critical Content:

Evaluate –

Ex1: Evaluate

ORDER OF OPERATIONS

P -

E -

M - D - \*

A - S - \*

Ex2: Evaluate Ex2b:

Ex3: a) b)

c) Ex3b)

Ex4: Evaluate if and Ex4a: Evaluate if

Ex5: Science on a Sphere (SOS) demonstrates the effects of atmospheric storms, climate changes, and ocean temperature on the environment. The volume of a sphere is four thirds of multiplied by the radius *r* to the third power.

a) Write an expression that represents the volume of a sphere.

b) Find the volume of the 3-foot radius sphere used for SOS.