

Name \_\_\_\_\_

1. Convert  $7.69 \times 10^9$  cubic millimeters to cubic meters.

2. Convert 0.00721 GL to mL.

3. Convert 542,000 YL/Ym<sup>3</sup> to fL/dm<sup>3</sup>.

4. Convert 558 ng/cm to Yg/m.

5. Convert 0.489 L to m<sup>3</sup>

Name \_\_\_\_\_

1. Convert  $7.69 \times 10^9$  cubic millimeters to cubic meters.

$$(-3 - 0) \times 3 + 9 = 0$$

$$7.69 \times 10^0 \text{ cubic meters.}$$

2. Convert 0.00721 GL to mL.

$$(9 - -3) \times 1 + -3 = 9$$

$$7.21 \times 10^9 \text{ mL}$$

3. Convert 542,000 YL/Ym<sup>3</sup> to fL/dm<sup>3</sup>.

$$(24 - -15) \times 1 + 5 - [(24 - -1) \times 3 + 0] = -31$$

$$5.42 \times 10^{-31} \text{ dm}^3$$

4. Convert 558 ng/cm to Yg/m.

$$(-9 - 24) \times 1 + 2 - [(-2 - 0)] = -29$$

$$5.58 \times 10^{-29} \text{ Yg/m}$$

5. Convert 0.489 L to m<sup>3</sup>

Convert 489 cm<sup>3</sup> to m<sup>3</sup>.

$$(-2 - 0) \times 3 + 2 = -4$$

$$4.89 \times 10^{-4} \text{ m}^3$$