1. Convert 34,100 gigagrams to milligrams.

2. Convert 9.79×10^5 nL/Ym^2 to GL/fm^2.

3. Convert 0.183 millimeters to zeptometers.

4. Convert 0.876 kL to mm^3.

5. Convert 7,200 km/h to m/s.

1. Convert 34,100 gigagrams to milligrams.

(9 - -3) x 1 + 4 = 16

3.41×10^{16} milligrams.

2. Convert 9.79×10^{5} nL/Ym^2 to GL/fm^2.

(-9 - 9) x 1 + 5 = -13

(24 - -15) x 2 + 0 = 78

-13 - 78 = -91

9.79×10^{-91} GL/fm^2.

3. Convert 0.183 millimeters to zeptometers.

(-3 - -21) x 1 + -1 = 17

1.83×10^{17} zeptometers.

4. Convert 0.876 kL to mm^3.

Convert 0.876 kL to mL

(3 - -3) x 1 + -1 = 5

Convert 8.76×10^{5} mL to mm^3

Convert 8.76×10^{5} cm^3 to mm^3

(-2 - -3) x 3 + 5 = 8

8.76×10^{8} mm^3

5. Convert 7,200 km/h to m/s.

Convert 7,200 km to m

(3 - 0) x 1 + 3 = 6

Convert 7.2×10^{6} m/h to m/s

1 h = 3.6×10^{3} s

$7.2 \times 10^{6} / 3.6 \times 10^{3}$ = **2.0×10^{3} m/s**