Name _____

1. Convert 12.4 μm^2 to Ym^2.

2. Convert 0.43 dam^3 to Zm^3.

3. Convert 5.34 x 10^{-1} square picometers to square nanometers.

4. Convert 0.0000486 ML/m to YL/ym.

5. Convert 200 m/s to km/hr

1. Convert 12.4 μm^2 to Ym^2.

(-6 - 24) x 2 + 1 = -59

1.24 x 10^-59 Ym^2

2. Convert 0.43 dam^3 to Zm^3.

(1 - 21) x 3 - 1 = -61

4.30 x 10^-61 Zm^3

3. Convert 5.34 x 10^{-1} square picometers to square nanometers.

(-12 + 9) x 2 - 1 = -7

5.34 x 10^-7 square nanometers.

4. Convert 0.0000486 ML/m to YL/ym.

(6 - 24) x 1 - 5 = -23

-(0 + 24) x 1 = -24

-23 - 24 = -47

4.86 x 10^-47 YL/ym

5. Convert 200 m/s to km/h

200 m/s = 0.2 km/s

0.2 km/s = 720 km/h