

Math 9 - Metric Conversions Worksheet

Name: Key

1. $15.6 \text{ m} = \underline{0.0156} \text{ km}$
OR $1.56 \times 10^{-2} \text{ km}$

15.6

2. $1.78 \times 10^{-2} \text{ kg} = \underline{17.8} \text{ g}$
OR 0.0178

3. $7.1 \times 10^3 \text{ mL} = \underline{7.1} \text{ L}$

7100

4. $3.47 \times 10^2 \text{ cm} = \underline{3.47} \text{ m}$

347

5. $9 \text{ km} = \underline{9000000} \text{ mm}$
OR $9 \times 10^6 \text{ mm}$

9000000

6. $5.9 \times 10^4 \text{ mg} = \underline{0.059} \text{ kg}$
OR $5.9 \times 10^{-2} \text{ kg}$

59000

7. $89 \text{ kL} = \underline{89000000} \text{ mL}$
OR $8.9 \times 10^7 \text{ mL}$

89000000

8. $2200 \text{ dm} = \underline{220} \text{ m}$
OR $2.2 \times 10^2 \text{ m}$

2200

9. $298 \text{ hg} = \underline{29800} \text{ g}$
OR 2.98×10^4

29800

10. $4.69 \times 10^3 \text{ cB} = \underline{46900} \text{ mB}$
OR $4.69 \times 10^4 \text{ mB}$

46900

11. $4 \times 10^2 \text{ daL} = \underline{400000} \text{ mL}$
OR $4 \times 10^6 \text{ mL}$

400000

12. $8.75 \text{ kg} = \underline{875000} \text{ cg}$
OR $8.75 \times 10^5 \text{ cg}$

875000

13. $3.5 \times 10^{-1} \text{ s} = \underline{3.5} \text{ ds}$

0.35

14. $9.6 \times 10^{-2} \text{ cL} = \underline{0.0000096} \text{ hL}$
OR $9.6 \times 10^{-6} \text{ hL}$

0.096