



## Grade 10 Physical Sciences Conversions Test

Name: \_\_\_\_\_

1. Convert 0.08 g to mg \_\_\_\_\_
2. Convert 55 m to cm \_\_\_\_\_
3. Convert 120  $\mu\text{A}$  to A \_\_\_\_\_
4. Convert 4 A to mA \_\_\_\_\_
5. Convert 3.2  $\mu\text{g}$  to g \_\_\_\_\_
6. Convert 18 GW to W \_\_\_\_\_
7. Convert 900 cm to m \_\_\_\_\_
8. Convert 450 nV to V \_\_\_\_\_
9. Convert 75 Gg to g \_\_\_\_\_
10. Convert 0.0003 m to mm \_\_\_\_\_
11. Convert 3 kL to L \_\_\_\_\_
12. Convert 4.6 Mm to m \_\_\_\_\_
13. Convert 1.3 kHz to Hz \_\_\_\_\_
14. Convert 22 dA to A \_\_\_\_\_
15. Convert 0.02 mV to V \_\_\_\_\_
16. Convert 0.02 ML to L \_\_\_\_\_
17. Convert 5.5 Gg to g \_\_\_\_\_
18. Convert 3000 mm to m \_\_\_\_\_
19. Convert 50 ng to g \_\_\_\_\_
20. Convert 2.5 nC to C \_\_\_\_\_



## Grade 10 Physical Sciences Conversions Test Memo

1.  $0.08 \text{ g} = 0.08 \times 10^3 \text{ mg}$
2.  $55 \text{ m} = 55 \times 10^2 \text{ cm}$
3.  $120 \mu\text{A} = 120 \times 10^{-6} \text{ A}$
4.  $4 \text{ A} = 4 \times 10^3 \text{ mA}$
5.  $3.2 \mu\text{g} = 3.2 \times 10^{-6} \text{ g}$
6.  $18 \text{ GW} = 18 \times 10^9 \text{ W}$
7.  $900 \text{ cm} = 900 \times 10^{-2} \text{ m}$
8.  $450 \text{ nV} = 450 \times 10^{-9} \text{ V}$
9.  $75 \text{ Gg} = 75 \times 10^9 \text{ g}$
10.  $0.0003 \text{ m} = 0.0003 \times 10^3 \text{ mm}$
11.  $3 \text{ kL} = 3 \times 10^3 \text{ L}$
12.  $4.6 \text{ Mm} = 4.6 \times 10^6 \text{ m}$
13.  $1.3 \text{ kHz} = 1.3 \times 10^3 \text{ Hz}$
14.  $22 \text{ dA} = 22 \times 10^{-1} \text{ A}$
15.  $0.02 \text{ mV} = 0.02 \times 10^{-3} \text{ V}$
16.  $0.02 \text{ ML} = 0.02 \times 10^6 \text{ L}$
17.  $5.5 \text{ Gg} = 5.5 \times 10^9 \text{ g}$
18.  $3000 \text{ mm} = 3000 \times 10^{-3} \text{ m}$
19.  $50 \text{ ng} = 50 \times 10^{-9} \text{ g}$
20.  $2.5 \text{ nC} = 2.5 \times 10^{-9} \text{ C}$