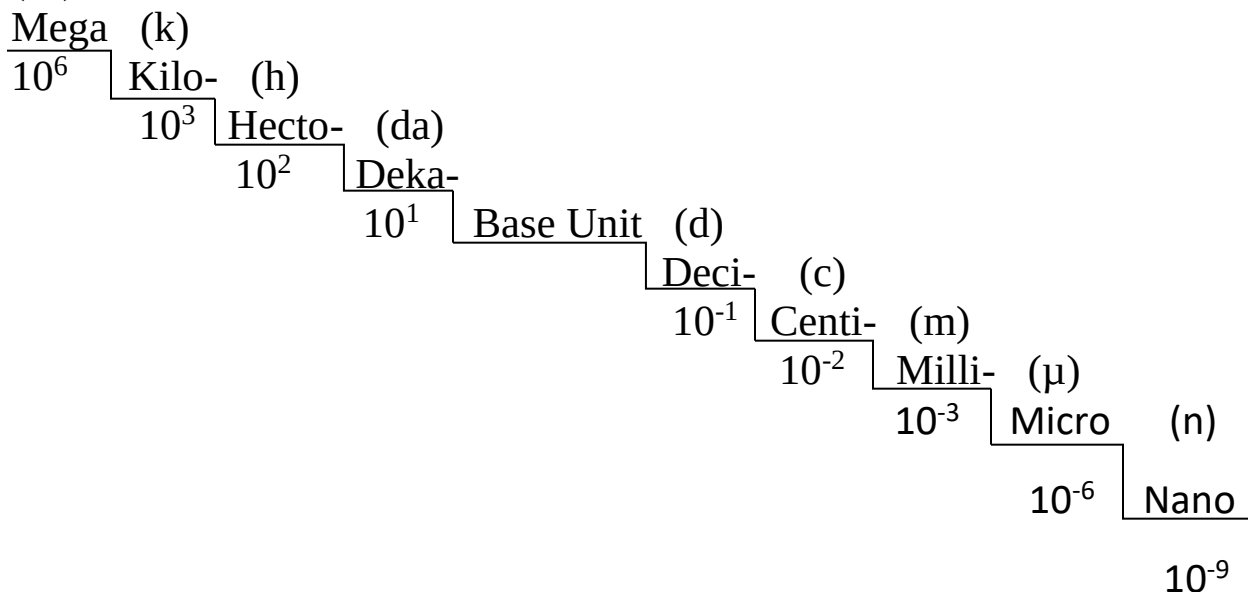


Science 10 SI unit conversions

(M)



Converting to or from the base unit

1. Convert 4.0 cm to m.
2. Convert 4.0 m to cm.
3. Convert 40 mm to m.
4. Convert 40 m to mm.
5. Convert 0.4 km to m.
6. Convert 0.4 m to km.
7. Convert 40.0 m to mm.
8. Convert 400.0 m to mm.
9. Convert 4 nL to L.
10. Convert 4 L to nL.
11. Convert 40.0 μ L to L.
12. Convert 40.0 L to μ L.
15. Convert 400.00 dL to L.
16. Convert 400.00 L to dL.

Converting between units with different prefixes

17. Convert 4.0 cm to mm.
18. Convert 4.0 mm to cm.
19. Convert 40 mm to km.
20. Convert 40 km to mm.
21. Convert 0.4 km to cm.
22. Convert 0.4 cm to km.
23. Convert 40.0 nm to mm.
24. Convert 400.0 nm to mm.
25. Convert 4 mL to μ L.
26. Convert 4 μ L to mL.
27. Convert 40.0 μ L to nL.
28. Convert 40.0 nL to μ L.

1. Convert each of the following into scientific notation.

a) 3 427 000

b) 0.00456

c) 123 453

d) 17 200

e) 0.000984

f) 0.502

g) 0.0000455

h) 1362205.2

i) 107.2

j) 0.00565

k) 2205.2

l) 1.29

m) 650.502

n) 0.0473

2. Convert each into decimal form.

a) 1.56×10^4

b) 5.6×10^{-2}

c) 3.69×10^{-2}

d) 7.369×10^5

e) 2.59×10^5

f) 4.59×10^{-1}

g) 1.369×10^{-2}

h) 6.9×10^4

i) 2.59×10^3

j) 2.09×10^{-3}