

Conversion Flashcards

(\*\*Notice **the unit with the prefix is always “1”**,  
the single unit always has the 10 to some power!)



|        |                             |
|--------|-----------------------------|
| km ↔ m | 1 km = 1 X10 <sup>3</sup> m |
|--------|-----------------------------|

|        |                              |
|--------|------------------------------|
| ds ↔ s | 1 ds = 1 X10 <sup>-1</sup> s |
|--------|------------------------------|

|        |                             |
|--------|-----------------------------|
| kg ↔ g | 1 kg = 1 X10 <sup>3</sup> g |
|--------|-----------------------------|

|        |                              |
|--------|------------------------------|
| dl ↔ l | 1 dl = 1 X10 <sup>-1</sup> l |
|--------|------------------------------|

|        |                             |
|--------|-----------------------------|
| ks ↔ s | 1 ks = 1 X10 <sup>3</sup> s |
|--------|-----------------------------|

|        |                              |
|--------|------------------------------|
| cm ↔ m | 1 cm = 1 X10 <sup>-2</sup> m |
|--------|------------------------------|

|        |                             |
|--------|-----------------------------|
| kl ↔ l | 1 kl = 1 X10 <sup>3</sup> l |
|--------|-----------------------------|

|        |                              |
|--------|------------------------------|
| cg ↔ g | 1 cg = 1 X10 <sup>-2</sup> g |
|--------|------------------------------|

|        |                              |
|--------|------------------------------|
| dm ↔ m | 1 dm = 1 X10 <sup>-1</sup> m |
|--------|------------------------------|

|        |                              |
|--------|------------------------------|
| cs ↔ s | 1 cs = 1 X10 <sup>-2</sup> s |
|--------|------------------------------|

|        |                              |
|--------|------------------------------|
| dg ↔ g | 1 dg = 1 X10 <sup>-1</sup> g |
|--------|------------------------------|

|        |                              |
|--------|------------------------------|
| cl ↔ l | 1 cl = 1 X10 <sup>-2</sup> l |
|--------|------------------------------|

mm ↔ m

$$1 \text{ mm} = 1 \times 10^{-3} \text{ m}$$

mg ↔ g

$$1 \text{ mg} = 1 \times 10^{-3} \text{ g}$$

ms ↔ s

$$1 \text{ ms} = 1 \times 10^{-3} \text{ s}$$

ml ↔ l

$$1 \text{ ml} = 1 \times 10^{-3} \text{ l}$$

L ↔ dm<sup>3</sup>

$$1 \text{ L} = 1 \text{ dm}^3$$

ml ↔ cm<sup>3</sup>

$$1 \text{ ml} = 1 \text{ cm}^3$$