

Övningsblad på att byta till SI-enhet

Nedan finns ett antal mätvärden som ej är skrivna i SI-enhet. Skriv om dem till aktuell SI-enhet.

$1 \text{ km} = \underline{\hspace{2cm}}$

$1 \text{ Mm} = \underline{\hspace{2cm}}$

$1 \text{ mm} = \underline{\hspace{2cm}}$

$1 \text{ }\mu\text{m} = \underline{\hspace{2cm}}$

$1 \text{ nm} = \underline{\hspace{2cm}}$

$38 \text{ km} = \underline{\hspace{2cm}}$

$14 \text{ }\mu\text{m} = \underline{\hspace{2cm}}$

$0,4 \text{ nm} = \underline{\hspace{2cm}}$

$2 \text{ Mm} = \underline{\hspace{2cm}}$

$16 \text{ Tm} = \underline{\hspace{2cm}}$

$0,8 \text{ Mm} = \underline{\hspace{2cm}}$

$800 \text{ km} = \underline{\hspace{2cm}}$

$8 \text{ ns} = \underline{\hspace{2cm}}$

$12 \text{ }\mu\text{s} = \underline{\hspace{2cm}}$

$0,01 \text{ ms} = \underline{\hspace{2cm}}$

$4 \text{ kN} = \underline{\hspace{2cm}}$

$0,6 \text{ MN} = \underline{\hspace{2cm}}$

$0,6 \text{ mN} = \underline{\hspace{2cm}}$

$1 \text{ ton} = \underline{\hspace{2cm}}$

$1 \text{ kg} = \underline{\hspace{2cm}}$

$1 \text{ g} = \underline{\hspace{2cm}}$

$14 \text{ g} = \underline{\hspace{2cm}}$

$3 \text{ g} = \underline{\hspace{2cm}}$

$6 \text{ }\mu\text{g} = \underline{\hspace{2cm}}$

$6 \text{ mg} = \underline{\hspace{2cm}}$

$12 \text{ ng} = \underline{\hspace{2cm}}$

$1 \text{ cm}^2 = \underline{\hspace{2cm}}$

$1 \text{ km}^2 = \underline{\hspace{2cm}}$

$1 \text{ mm}^2 = \underline{\hspace{2cm}}$

$1 \text{ cm}^3 = \underline{\hspace{2cm}}$

$1 \text{ km}^3 = \underline{\hspace{2cm}}$

$1 \text{ mm}^3 = \underline{\hspace{2cm}}$

$14 \text{ cm}^2 = \underline{\hspace{2cm}}$

$6 \text{ km}^2 = \underline{\hspace{2cm}}$

$9 \text{ mm}^2 = \underline{\hspace{2cm}}$

$14 \text{ cm}^3 = \underline{\hspace{2cm}}$

$6 \text{ km}^3 = \underline{\hspace{2cm}}$

$9 \text{ mm}^3 = \underline{\hspace{2cm}}$

Facit

$$1 \text{ km} = 1 \cdot 10^3 \text{ m}$$

$$1 \text{ Mm} = 1 \cdot 10^6 \text{ m}$$

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

$$1 \text{ }\mu\text{m} = 1 \cdot 10^{-6} \text{ m}$$

$$1 \text{ nm} = 1 \cdot 10^{-9} \text{ m}$$

$$38 \text{ km} = 38 \cdot 10^3 \text{ m}$$

$$14 \text{ }\mu\text{m} = 14 \cdot 10^{-6} \text{ m}$$

$$0,4 \text{ nm} = 0,4 \cdot 10^{-9} \text{ m}$$

$$2 \text{ Mm} = 2 \cdot 10^6 \text{ m}$$

$$16 \text{ Tm} = 16 \cdot 10^{12} \text{ m}$$

$$0,8 \text{ Mm} = 0,8 \cdot 10^6 = 8 \cdot 10^5 \text{ m}$$

$$800 \text{ km} = 800 \cdot 10^3 = 8 \cdot 10^5 \text{ m}$$

$$8 \text{ ns} = 8 \cdot 10^{-9} \text{ s}$$

$$12 \text{ }\mu\text{s} = 12 \cdot 10^{-6} \text{ s}$$

$$0,01 \text{ ms} = 0,01 \cdot 10^{-3} = 1 \cdot 10^{-5} \text{ s}$$

$$4 \text{ kN} = 4 \cdot 10^3 \text{ N}$$

$$0,6 \text{ MN} = 0,6 \cdot 10^6 \text{ N}$$

$$0,6 \text{ mN} = 0,6 \cdot 10^{-3} \text{ N}$$

$$1 \text{ ton} = 1000 \text{ kg} = 1 \cdot 10^3 \text{ kg}$$

$$1 \text{ kg} = 1 \text{ kg} \text{ (luring)}$$

$$1 \text{ g} = 1 \cdot 10^{-3} \cdot 10^3 \text{ g} = 1 \cdot 10^{-3} \text{ kg}$$

$$14 \text{ g} = 14 \cdot 10^{-3} \cdot 10^3 \text{ g} = 14 \cdot 10^{-3} \text{ kg}$$

$$3 \text{ g} = 3 \cdot 10^{-3} \cdot 10^3 \text{ g} = 3 \cdot 10^{-3} \text{ kg}$$

$$6 \text{ }\mu\text{g} = 6 \cdot 10^{-6} \text{ g} = 6 \cdot 10^{-9} \cdot 10^3 \text{ g} = 6 \cdot 10^{-9} \text{ kg}$$

$$6 \text{ mg} = 6 \cdot 10^{-3} \text{ g} = 6 \cdot 10^{-6} \cdot 10^3 \text{ g} = 6 \cdot 10^{-6} \text{ kg}$$

$$12 \text{ ng} = 12 \cdot 10^{-9} \text{ g} = 12 \cdot 10^{-12} \cdot 10^3 \text{ g} = 12 \cdot 10^{-12} \text{ kg}$$

$$1 \text{ cm}^2 = 1 \cdot 1 \text{ cm} \cdot 1 \text{ cm} = 1 \cdot 10^{-2} \text{ m} \cdot 10^{-2} \text{ m} = 1 \cdot 10^{-4} \text{ m}^2$$

$$1 \text{ km}^2 = 1 \cdot 1 \text{ km} \cdot 1 \text{ km} = 1 \cdot 10^3 \text{ m} \cdot 10^3 \text{ m} = 1 \cdot 10^6 \text{ m}^2$$

$$1 \text{ mm}^2 = 1 \cdot 1 \text{ mm} \cdot 1 \text{ mm} = 1 \cdot 10^{-3} \text{ m} \cdot 10^{-3} \text{ m} = 1 \cdot 10^{-6} \text{ m}^2$$

$$1 \text{ cm}^3 = 1 \cdot 1 \text{ cm} \cdot 1 \text{ cm} \cdot 1 \text{ cm} = 1 \cdot 10^{-2} \text{ m} \cdot 10^{-2} \text{ m} \cdot 10^{-2} \text{ m} = 1 \cdot 10^{-6} \text{ m}^3$$

$$1 \text{ km}^3 = 1 \cdot 1 \text{ km} \cdot 1 \text{ km} \cdot 1 \text{ km} = 1 \cdot 10^3 \text{ m} \cdot 10^3 \text{ m} \cdot 10^3 \text{ m} = 1 \cdot 10^9 \text{ m}^3$$

$$1 \text{ mm}^3 = 1 \cdot 1 \text{ mm} \cdot 1 \text{ mm} \cdot 1 \text{ mm} = 1 \cdot 10^{-3} \text{ m} \cdot 10^{-3} \text{ m} \cdot 10^{-3} \text{ m} = 1 \cdot 10^{-9} \text{ m}^3$$

$$14 \text{ cm}^2 = 14 \cdot 1 \text{ cm} \cdot 1 \text{ cm} = 14 \cdot 10^{-2} \text{ m} \cdot 10^{-2} \text{ m} = 14 \cdot 10^{-4} \text{ m}^2$$

$$6 \text{ km}^2 = 6 \cdot 1 \text{ km} \cdot 1 \text{ km} = 6 \cdot 10^3 \text{ m} \cdot 10^3 \text{ m} = 6 \cdot 10^6 \text{ m}^2$$

$$9 \text{ mm}^2 = 9 \cdot 1 \text{ mm} \cdot 1 \text{ mm} = 9 \cdot 10^{-3} \text{ m} \cdot 10^{-3} \text{ m} = 9 \cdot 10^{-6} \text{ m}^2$$

$$14 \text{ cm}^3 = 14 \cdot 1 \text{ cm} \cdot 1 \text{ cm} \cdot 1 \text{ cm} = 14 \cdot 10^{-2} \text{ m} \cdot 10^{-2} \text{ m} \cdot 10^{-2} \text{ m} = 14 \cdot 10^{-6} \text{ m}^3$$

$$6 \text{ km}^3 = 6 \cdot 1 \text{ km} \cdot 1 \text{ km} \cdot 1 \text{ km} = 6 \cdot 10^3 \text{ m} \cdot 10^3 \text{ m} \cdot 10^3 \text{ m} = 6 \cdot 10^9 \text{ m}^3$$

$$9 \text{ mm}^3 = 9 \cdot 1 \text{ mm} \cdot 1 \text{ mm} \cdot 1 \text{ mm} = 9 \cdot 10^{-3} \text{ m} \cdot 10^{-3} \text{ m} \cdot 10^{-3} \text{ m} = 9 \cdot 10^{-9} \text{ m}^3$$