

水の体積と重さ

練習問題にチャレンジ

下の水の体積を重さにしましょう

※水 $1\text{cm}^3=1\text{g}$ として求めましょう。

① $7000\text{cm}^3 = \square\text{kg}$

⑬ $15\text{dL} = \square\text{kg}$

② $16\text{L} = \square\text{kg}$

⑭ $400\text{L} = \square\text{t}$

③ $20\text{mL} = \square\text{g}$

⑮ $0.006\text{m}^3 = \square\text{g}$

④ $1.5\text{L} = \square\text{kg}$

⑯ $5\text{dL} = \square\text{g}$

⑤ $300\text{cm}^3 = \square\text{g}$

⑰ $39000\text{L} = \square\text{t}$

⑥ $8\text{m}^3 = \square\text{t}$

⑱ $4000\text{L} = \square\text{kg}$

⑦ $600\text{cm}^3 = \square\text{kg}$

⑲ $0.6\text{kL} = \square\text{kg}$

⑧ $130\text{L} = \square\text{kg}$

⑳ $0.25\text{kL} = \square\text{kg}$

⑨ $7\text{mL} = \square\text{g}$

㉑ $300\text{m}^3 = \square\text{kg}$

⑩ $0.3\text{L} = \square\text{g}$

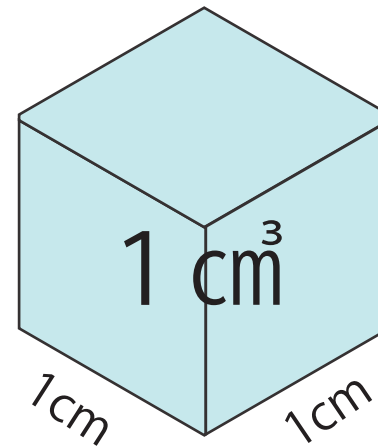
㉒ $10\text{m}^3 = \square\text{t}$

⑪ $9\text{dL} = \square\text{g}$

㉓ $0.6\text{m}^3 = \square\text{kg}$

⑫ $40\text{m}^3 = \square\text{t}$

㉔ $0.6\text{dL} = \square\text{g}$



1cm

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

※水の密度がほぼ 1g/cm^3 なので $1\text{cm}^3=1\text{g}$ としています。

よって $1\text{cm}^3 = 1\text{ml} = 1\text{g}$

$1000\text{cm}^3 = 1000\text{ml} = 1000\text{g} = 1\text{kg}$
となります。

解答

- ①7kg ②1.6kg ③20g ④1.5kg ⑤300g ⑥8t ⑦0.6kg
⑧130kg ⑨7g ⑩300g ⑪900g ⑫40t ⑬1.5kg ⑭0.4t
⑮6000g ⑯500g ⑰39t ⑱4000kg ⑲600kg ⑳250kg
㉑300000 kg ㉒10t ㉓600kg ㉔60g