

$$(1) 3\text{cm}^3 = \square\text{mm}^3$$

$$(2) 3\text{L} = \square\text{cm}^3$$

$$(3) 3\text{cm}^3 = \square\text{mL}$$

$$(4) 4\text{L} = \square\text{dL}$$

$$(5) 7\text{mL} = \square\text{cm}^3$$

$$(1) 3\text{cm}^3 = 3000\text{mm}^3$$

<解説>

$$\begin{aligned} 1\text{cm}^3 &= 1\text{cm} \times 1\text{cm} \times 1\text{cm} \\ &= 10\text{mm} \times 10\text{mm} \times 10\text{mm} \\ &= 1000\text{mm}^3 \end{aligned}$$

$$\text{よって、} 3 \times 1000 = 3000\text{mm}^3$$

$$(2) 3\text{L} = 3000\text{cm}^3$$

<解説>

$$1\text{L} = 1000\text{cm}^3$$

$$\text{よって、} 3 \times 1000 = 3000\text{cm}^3$$

$$(3) 3\text{cm}^3 = 3\text{mL}$$

<解説>

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

$$(4) 4\text{L} = 40\text{dL}$$

<解説>

$$1\text{L} = 10\text{dL}$$

$$\text{よって、} 4 \times 10 = 40\text{dL}$$

$$(5) 7\text{mL} = 7\text{cm}^3$$

<解説>

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