

$$(1) 6\text{L} = \square\text{mL}$$

$$(2) 7\text{dL} = \square\text{cm}^3$$

$$(3) 8\text{mL} = \square\text{m}^3$$

$$(4) 5\text{mL} = \square\text{L}$$

$$(5) 4\text{m}^3 = \square\text{cm}^3$$

$$(1) 6L = 6000 \text{ mL}$$

<解説>

$$1L = 1000\text{mL}$$

$$\text{よって、} 6 \times 1000 = 6000\text{mL}$$

$$(2) 7\text{dL} = 700 \text{ cm}^3$$

<解説>

$$1L = 10\text{dL}、1L = 1000\text{cm}^3 \text{ なので } 10\text{dL} = 1000\text{cm}^3$$

$$1\text{dL} \text{ は } 1000 \div 10 = 100\text{cm}^3$$

$$\text{よって、} 7 \times 100 = 700\text{cm}^3$$

$$(3) 8\text{mL} = 0.000008 \text{ m}^3$$

<解説>

$$1\text{m}^3 = 1\text{m} \times 1\text{m} \times 1\text{m}$$

$$= 100\text{cm} \times 100\text{cm} \times 100\text{cm}$$

$$= 1000000\text{cm}^3$$

$$1\text{mL} = 1\text{cm}^3 \text{ なので、} 1\text{m}^3 \text{ は } 1000000\text{mL}$$

$$\text{よって、} 8 \div 1000000 = 0.000008\text{m}^3$$

$$(4) 5\text{mL} = 0.005 \text{ L}$$

<解説>

$$1L = 1000\text{mL}$$

$$\text{よって、} 5 \div 1000 = 0.005\text{L}$$

$$(5) 4\text{m}^3 = 4000000 \text{ cm}^3$$

<解説>

$$1\text{m}^3 = 1\text{m} \times 1\text{m} \times 1\text{m}$$

$$= 100\text{cm} \times 100\text{cm} \times 100\text{cm}$$

$$= 1000000\text{cm}^3$$

$$\text{よって、} 4 \times 1000000 = 4000000\text{cm}^3$$