

$$(1) 1\text{mm}^2 = \square\text{cm}^2$$

$$(2) 6\text{km}^2 = \square\text{a}$$

$$(3) 5\text{km}^2 = \square\text{m}^2$$

$$(4) 5\text{cm}^2 = \square\text{mm}^2$$

$$(5) 6\text{m}^2 = \square\text{cm}^2$$

## 単位の換算 面積(10)

$$(1) 1\text{mm}^2 = 0.01 \text{ cm}^2$$

<解説>

$$\begin{aligned} 1\text{cm}^2 &= 1\text{cm} \times 1\text{cm} \\ &= 10\text{mm} \times 10\text{mm} \\ &= 100\text{mm}^2 \end{aligned}$$

$$(2) 6\text{km}^2 = 60000 \text{ a}$$

<解説>

$$\begin{aligned} 1\text{a} &= 100\text{m}^2 \\ 1\text{km}^2 &= 1\text{km} \times 1\text{km} \\ &= 1000\text{m} \times 1000\text{m} \\ &= 1000000\text{m}^2 \end{aligned}$$

$$1\text{km}^2 \text{は } 1000000 \div 100 = 10000\text{a}$$

$$\text{よって、} 6 \times 10000 = 60000\text{a}$$

$$(3) 5\text{km}^2 = 5000000 \text{ m}^2$$

<解説>

$$\begin{aligned} 1\text{km}^2 &= 1\text{km} \times 1\text{km} \\ &= 1000\text{m} \times 1000\text{m} \\ &= 1000000\text{m}^2 \end{aligned}$$

$$\text{よって、} 5 \times 1000000 = 5000000\text{m}^2$$

$$(4) 5\text{cm}^2 = 500 \text{ mm}^2$$

<解説>

$$\begin{aligned} 1\text{cm}^2 &= 1\text{cm} \times 1\text{cm} \\ &= 10\text{mm} \times 10\text{mm} \\ &= 100\text{mm}^2 \end{aligned}$$

$$\text{よって、} 5 \times 100 = 500\text{mm}^2$$

$$(5) 6\text{m}^2 = 60000 \text{ cm}^2$$

<解説>

$$\begin{aligned} 1\text{m}^2 &= 1\text{m} \times 1\text{m} \\ &= 100\text{cm} \times 100\text{cm} \\ &= 10000\text{cm}^2 \end{aligned}$$

$$\text{よって、} 6 \times 10000 = 60000\text{cm}^2$$