

(1) $9\text{mm}^2 = \square\text{cm}^2$

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

(3) $4\text{ha} = \square\text{m}^2$

(4) $8\text{a} = \square\text{m}^2$

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

単位の換算 面積(15)

$$(1) 9\text{mm}^2 = 0.09 \text{cm}^2$$

<解説>

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

$$\text{よって、} 9 \div 100 = 0.09\text{cm}^2$$

$$(2) 7\text{m}^2 = 70000 \text{cm}^2$$

<解説>

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

$$\text{よって、} 7 \times 10000 = 70000\text{cm}^2$$

$$(3) 4\text{ha} = 40000 \text{m}^2$$

<解説>

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

$$\text{よって、} 4 \times 10000 = 40000\text{m}^2$$

$$(4) 8\text{a} = 800 \text{m}^2$$

<解説>

$$1\text{a} = 100\text{m}^2$$

$$\text{よって、} 8 \times 100 = 800\text{m}^2$$

$$(5) 6\text{cm}^2 = 0.0006 \text{m}^2$$

<解説>

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

$$\text{よって、} 6 \div 10000 = 0.0006\text{m}^2$$