

$$(1) 8\text{m}^2 = \square\text{cm}^2$$

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

$$(3) 9\text{a} = \square\text{cm}^2$$

$$(4) 9\text{cm}^2 = \square\text{mm}^2$$

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

単位の換算 面積(13)

$$(1) 8\text{m}^2 = 80000 \text{cm}^2$$

<解説>

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

$$\text{よって、} 8 \times 10000 = 80000\text{cm}^2$$

$$(2) 2\text{a} = 200 \text{m}^2$$

<解説>

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

$$\text{よって、} 2 \times 100 = 200\text{m}^2$$

$$(3) 9\text{a} = 9000000 \text{cm}^2$$

<解説>

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

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

$$1\text{aは} 10000 \times 100 = 1000000\text{cm}^2$$

$$\text{よって、} 9 \times 1000000 = 9000000\text{cm}^2$$

$$(4) 9\text{cm}^2 = 900 \text{mm}^2$$

<解説>

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

$$\text{よって、} 9 \times 100 = 900\text{mm}^2$$

$$(5) 3\text{a} = 300 \text{m}^2$$

<解説>

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

$$\text{よって、} 3 \times 100 = 300\text{m}^2$$