

単位の換算 面積(1)

__月__日 __分__秒 __点/5点

$$(1) 6\text{mm}^2 = \square\text{cm}^2$$

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

$$(3) 7\text{ha} = \square\text{m}^2$$

$$(4) 7\text{cm}^2 = \square\text{a}$$

$$(5) 4\text{ha} = \square\text{m}^2$$

単位の換算 面積(1)

$$(1) 6\text{mm}^2 = 0.06 \text{cm}^2$$

<解説>

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

$$\text{よって、} 6 \div 100 = 0.06\text{cm}^2$$

$$(2) 1\text{a} = 1000000 \text{cm}^2$$

<解説>

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

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

$$(3) 7\text{ha} = 70000 \text{m}^2$$

<解説>

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

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

$$(4) 7\text{cm}^2 = 0.000007 \text{a}$$

<解説>

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

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

$$\text{よって、} 7 \div 1000000 = 0.000007\text{a}$$

$$(5) 4\text{ha} = 40000 \text{m}^2$$

<解説>

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

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