

単位の換算 面積(6)

__月__日 __分__秒 __点/5点

$$(1) 7\text{mm}^2 = \square\text{m}^2$$

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

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

$$(4) 6\text{cm}^2 = \square\text{mm}^2$$

$$(5) 8\text{m}^2 = \square\text{a}$$

単位の換算 面積(6)

$$(1) 7\text{mm}^2 = 0.000007 \text{ m}^2$$

<解説>

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

$$\text{よって、} 7 \div 1000000 = 0.000007\text{m}^2$$

$$(2) 3\text{m}^2 = 0.0003 \text{ ha}$$

<解説>

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

$$\text{よって、} 3 \div 10000 = 0.0003\text{ha}$$

$$(3) 2\text{km}^2 = 200 \text{ ha}$$

<解説>

$$\begin{aligned} 1\text{ha} &= 100\text{a} \\ &= 10000\text{m}^2 \\ 1\text{km}^2 &= 1\text{km} \times 1\text{km} \\ &= 1000\text{m} \times 1000\text{m} \\ &= 1000000\text{m}^2 \end{aligned}$$

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

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

$$(4) 6\text{cm}^2 = 600 \text{ mm}^2$$

<解説>

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

$$\text{よって、} 6 \times 100 = 600\text{mm}^2$$

$$(5) 8\text{m}^2 = 0.08 \text{ a}$$

<解説>

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

$$\text{よって、} 8 \div 100 = 0.08\text{a}$$