

$$(1) 7\text{cm}^2 = \square\text{a}$$

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

$$(3) 6\text{ha} = \square\text{a}$$

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

$$(5) 7\text{m}^2 = \square\text{a}$$

単位の換算 面積(14)

$$(1) 7\text{cm}^2 = 0.000007 \text{ a}$$

<解説>

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

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

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

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

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

<解説>

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

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

$$(3) 6\text{ha} = 600 \text{ a}$$

<解説>

$$1\text{ha} = 100\text{a}$$

$$\text{よって、} 6 \times 100 = 600\text{a}$$

$$(4) 5\text{cm}^2 = 0.000005 \text{ a}$$

<解説>

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

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

$$\text{よって、} 5 \div 1000000 = 0.000005\text{a}$$

$$(5) 7\text{m}^2 = 0.07 \text{ a}$$

<解説>

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

$$\text{よって、} 7 \div 100 = 0.07\text{a}$$