

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

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

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

$$(4) 6\text{km}^2 = \square\text{m}^2$$

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

単位の換算 面積(9)

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

<解説>

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

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

$$(2) 4\text{m}^2 = 0.000004 \text{ km}^2$$

<解説>

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

$$\text{よって、} 4 \div 1000000 = 0.000004\text{km}^2$$

$$(3) 3\text{km}^2 = 30000 \text{ a}$$

<解説>

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

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

$$\text{よって、} 3 \times 10000 = 30000\text{a}$$

$$(4) 6\text{km}^2 = 6000000 \text{ m}^2$$

<解説>

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

$$\text{よって、} 6 \times 1000000 = 6000000\text{m}^2$$

$$(5) 8\text{cm}^2 = 0.0008 \text{ m}^2$$

<解説>

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

$$\text{よって、} 8 \div 10000 = 0.0008\text{m}^2$$