

$$(1) 8a = \square m^2$$

$$(2) 5ha = \square a$$

$$(3) 5m^2 = \square km^2$$

$$(4) 7m^2 = \square ha$$

$$(5) 2a = \square cm^2$$

## 単位の換算 面積(11)

$$(1) 8a = 800 \text{ m}^2$$

<解説>

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

$$\text{よって、} 8 \times 100 = 800\text{m}^2$$

$$(2) 5ha = 500 \text{ a}$$

<解説>

$$1ha = 100a$$

$$\text{よって、} 5 \times 100 = 500a$$

$$(3) 5\text{m}^2 = 0.000005 \text{ km}^2$$

<解説>

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

$$\text{よって、} 5 \div 1000000 = 0.000005\text{km}^2$$

$$(4) 7\text{m}^2 = 0.0007 \text{ ha}$$

<解説>

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

$$\text{よって、} 7 \div 10000 = 0.0007\text{ha}$$

$$(5) 2a = 2000000 \text{ cm}^2$$

<解説>

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

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

$$\text{よって、} 2 \times 1000000 = 2000000\text{cm}^2$$