

# 文字式と単位1

名前		点
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1. 次の□に適切な数値や文字式を書きなさい。

(1)  $3 \text{ km} = \square \text{ m}$

$a \text{ km} = \square \text{ m}$

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

$x \text{ cm} = \square \text{ mm}$

(3)  $5 \text{ m} = \square \text{ km}$

$x \text{ m} = \frac{x}{\square} \text{ km} = \square \text{ km}$   
(小数)

(4)  $2 \text{ L} = \square \text{ cm}^3$

$a \text{ L} = \square \text{ cm}^3$

(5)  $5 \text{ 分} = \square \text{ 秒}$

$b \text{ 分} = \square \text{ 秒}$

(6) 分速  $300 \text{ m} =$  時速  $\square \text{ km}$

分速  $y \text{ m} =$  時速  $\square \text{ km}$

(7) 時速  $5 \text{ km} =$  分速  $\square \text{ km}$

時速  $x \text{ km} =$  分速  $\frac{x}{\square} \text{ km}$

(8)  $5 \% = \frac{5}{\square} = \square$  (小数で)

$a \% = \frac{a}{\square} = \square$  (小数で)

## 解答

$$(1) \quad 3 \text{ km} = \boxed{3000} \text{ m}$$

$$a \text{ km} = \boxed{1000 a} \text{ m}$$

$$(2) \quad 2 \text{ cm} = \boxed{20} \text{ mm}$$

$$x \text{ cm} = \boxed{10 x} \text{ mm}$$

$$(3) \quad 5 \text{ m} = \boxed{0.005} \text{ km} \quad \frac{5}{1000} = \frac{1}{200}$$

$$x = \frac{x}{1000} \text{ km} = \boxed{0.001x} \text{ km}$$

(小数)

$$(4) \quad 2 \text{ ℓ} = \boxed{2000} \text{ cm}^3$$

$$a \text{ ℓ} = \boxed{1000 a} \text{ cm}^3$$

$$(5) \quad 5 \text{ 分} = \boxed{300} \text{ 秒}$$

$$b \text{ 分} = \boxed{60 b} \text{ 秒}$$

$$(5) \quad \begin{array}{l} \text{分速 } 300 \text{ m} = \text{時速 } \boxed{18} \text{ km} \\ \text{時速 } 300 \times 60 = 18000 \text{ m} \end{array}$$

$$\begin{array}{l} \text{分速 } y \text{ m} = \text{時速 } \boxed{\frac{3}{50} y} \text{ km} \\ y \times 60 \div 1000 = \frac{3}{50} y \\ = 0.06 y \end{array}$$

$$(7) \quad \text{時速 } 5 \text{ km} = \text{分速 } \boxed{\frac{1}{12}} \text{ km}$$

$$\frac{5}{60} = \frac{1}{12}$$

$$\text{時速 } x \text{ km} = \text{分速 } \frac{x}{60} \text{ km}$$

$$(8) \quad 5 \% = \frac{5}{100} = \boxed{0.05} \text{ (小数)}$$

$$a \% = \frac{a}{100} = \boxed{0.01 a} \text{ (小数)}$$