



VENTSPILS
2021

XVIII INTERNATIONAL LINGUISTICS OLYMPIAD – Individual Round

Name: Hibiki SUGAWARA

Problem number: 1

July 20 – Ventspils, Latvia

Page sequence within this problem: 1 / 2

解答

$$(a) \text{ moeto waroewo} = \underline{480}$$

$$\text{ijema joka rati} = \underline{39} (= \text{ije mepija})$$

$$\text{moeto wido ma benomi ka wi} = \underline{186}$$

$$(b) 1 = \underline{\text{ena}}$$

$$19 = \underline{\text{ije mepina}} = \underline{\text{ijema rati}}$$

$$26 = \underline{\text{benomima mepina}}$$

$$104 = \underline{\text{wima mepija daemita moeto}}$$

$$292 = \underline{\text{moeto wi ma wijama rati beo ka idibi}}$$

構造 変数はすべて整数とする。

1~9: 1 = ena, 2 = wija, 3 = wido, 4 = wi, 5 = idibi, 6 = benomi,
7 = (不明), 8 = waroewo, 9 = ije.

10~60: 10 = rati, 20 = mepina,
30 = joka rati, 40 = mepija,
50 = rati beo, 60 = moeto.

$$10A + B = \boxed{B} - \text{ma } \boxed{10A} \quad | \quad (1 \leq A \leq 5, 1 \leq B \leq 9)$$

$$10A + 9 = \boxed{9} \quad \boxed{10(A+1)}$$

DO NOT WRITE IN THIS AREA

DO NOT WRITE ON THE BACK SIDE OF THE PAGE



XVIII INTERNATIONAL LINGUISTICS OLYMPIAD – Individual Round

Name: Hibiki SUGAWARA

Problem number: 1

July 20 – Ventspils, Latvia

Page sequence within this problem: 2 / 2

$$61 \sim 119: 60 + C = \boxed{C} \text{ daemita } \boxed{60} \quad | \quad (1 \leq C \leq 59)$$

$$120 \sim 599: 60D = \boxed{60} \boxed{D} \quad | \quad (2 \leq D \leq 9, 1 \leq E \leq 59)$$

$$60D + E = \boxed{60} \boxed{D} \text{ ma } \boxed{E} \text{ ka } \boxed{D+1}$$

このように、60進法 (60未満の数は10進法)を用いて記述する。
10以上の整数に限り、下1桁が9の数には表記が二つある。

$$\text{例、 } 19 = \boxed{9} \text{ - ma } \boxed{10 \times 1 = 10} = \boxed{9} \boxed{10 \times (1+1) = 20}$$

(ijema rati) (ije mepina)

DO NOT WRITE IN THIS AREA

DO NOT WRITE ON THE BACK SIDE OF THE PAGE