

Type of error
certain error

Impossible unit

coding & decoding

① 23, 28, 38, 53, 73, 9

$\sqrt{5}$ $\sqrt{10}$ $\sqrt{15}$ $\sqrt{20}$ $\sqrt{25}$

(98)

$$\begin{array}{r} 73 \\ 25 \\ \hline 98 \end{array}$$

② 17, 45, 148, 607, 9, 18331

$$17 \times 2 + 11 = 45$$

$$45 \times 3 + 13 = 148$$

$$148 \times 4 + 15 = 607$$

$$607 \times 5 + 17 = 3035 + 17 = \underline{\underline{3035}}$$

③ 5, 366, 655, 9, 1049, 1170

$\sqrt{361}$ $\sqrt{289}$ (255)

$$19^2$$

$$17^2$$

$$15^2$$

$$13^2 = 169$$

$$15^2 = 225$$

$$655 + 225 = \boxed{880}$$

④ 1598, 798, 398, 198, 9, 48

$\sqrt{800}$ $\sqrt{400}$ $\sqrt{200}$ $\sqrt{100}$

(98)

⑧ 2, 3, 14, 9, 2068, 51705

$$2 \rightarrow 3 \text{ } (+1)$$

$$3 \rightarrow 14 \quad 3 \times 4 + 2 = 14$$

$$14 \times 5 + 3 = (73)$$

$$73 \times 28 + 4$$