

算数オンライン塾 6月13日の問題 解説

$$100 \times A + 80 \times B + 60 \times C = 3780 \cdots (1)$$

$$100 \times B + 80 \times A + 60 \times C = 3660 \cdots (2)$$

$$100 \times A + 80 \times C + 60 \times B = 3960 \cdots (3)$$

$$(1) - (2)$$

$$20 \times A - 20 \times B = 120 \quad A - B = 6$$

$$(3) - (1)$$

$$20 \times C - 20 \times B = 180 \quad C - B = 9$$

$$A = B + 6 \quad C = B + 9 \text{ から}$$

$$100 \times (B + 6) + 80 \times B + 60 \times (B + 9)$$

$$= 240 \times B + 600 + 540 = 3780$$

$$2640 \div 240 = 11 \quad A = 17 \quad C = 20$$

(答え) A 17 B 11 C 20