

❖問題❖

→p.130~p.131

- ❶ (1) 62 cm^2 (2) 80 cm^2
 (3) 84 cm^2 (4) 205 cm^2
 ❷ (1) 61 cm^2 (2) 174 cm^2
 (3) 51 cm^2 (4) 780 cm^2
 ❸ (1) 138 cm^2 (2) 504 cm^2

解説

- ❶ (1) $9 \times 6 + 4 \times 2 = 54 + 8 = 62$
 別解 $5 \times 6 + 4 \times 8 = 30 + 32 = 62$
 あとの問題も、同じようにいろいろな考え方でとくことができる。
 (3) $4 \times 12 + 6 \times 6 = 48 + 36 = 84$
 (4) $5 \times 11 + 6 \times 25 = 55 + 150 = 205$
 ❷ (3) $5 \times 13 - 2 \times 7 = 65 - 14 = 51$
 (4) $25 \times 40 - 20 \times 11 = 1000 - 220 = 780$
 ❸ (1) $10 \times 18 - 7 \times 6 = 180 - 42 = 138$
 (2) $20 \times 30 - 8 \times 12 = 600 - 96 = 504$

❖確認問題❖

→p.132

- ❶ (1) 56 cm^2 (2) 56 cm^2
 (3) 224 cm^2 (4) 73 cm^2
 (5) 99 cm^2 (6) 390 cm^2
 (7) 180 cm^2 (8) 809 cm^2
 ❷ (1) 219 cm^2 (2) 394 cm^2

解説

- ❶ (5) $6 \times 4 + 5 \times (8 + 4 + 3) = 24 + 75 = 99$
 (6) $17 \times 20 + (17 - 8 - 4) \times 10 = 340 + 50 = 390$
 (7) $11 \times (9 + 8 + 3) - 5 \times 8 = 220 - 40 = 180$
 (8) $30 \times 30 - (30 - 9 - 14) \times 13 = 900 - 91 = 809$
 ❷ (1) $15 \times 20 - 9 \times 9 = 300 - 81 = 219$
 (2) $18 \times 25 - 7 \times 8 = 450 - 56 = 394$

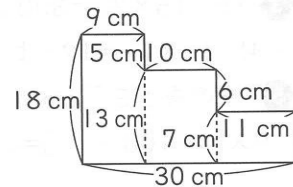
❖練習問題❖

→p.133

- ❶ (1) 48 cm^2 (2) 118 cm^2
 (3) 369 cm^2 (4) 174 cm^2
 (5) 144 cm^2 (6) 281 cm^2
 ❷ (1) 256 cm^2 (2) 851 cm^2
 ❸ 187 cm^2

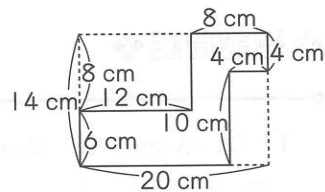
解説

- ❶ (1) $2 \times 3 + (3 + 2 + 3) \times 4 + 2 \times 5$
 $= 6 + 32 + 10 = 48$
 (2) $2 \times 11 + 6 \times (15 - 9) + 4 \times 15 = 22 + 36 + 60$
 $= 118$
 (3) 右の図のように
 分けると、
 $18 \times 9 + 13 \times 10$
 $+ 7 \times 11 = 162 +$
 $130 + 77 = 369$
 (4) $8 \times 4 + (10 + 8) \times 5 + 13 \times 4 = 32 + 90 + 52$
 $= 174$



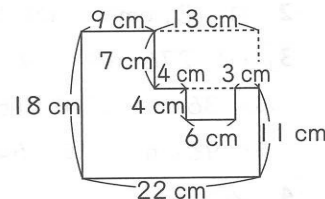
- (5) 右の図のよう

に考えると、
 $14 \times 20 - 8 \times 12$
 $- 10 \times 4 = 280$
 $- 96 - 40 = 144$



- (6) 右の図のよう

に考えると、
 $18 \times 22 - 7 \times 13$
 $- 4 \times 6 = 396 -$
 $91 - 24 = 281$



- ❷ (1) $17 \times 21 - 5 \times 13 - 4 \times 9$
 $= 357 - 65 - 36 = 256$
 (2) $25 \times 40 - (5 \times 7 + 6 \times 19)$
 $= 1000 - 149 = 851$

- ❸ もとの長方形の紙の面積は、
 $(5 + 8) \times (8 + 12) = 13 \times 20 = 260$ より、 260 cm^2
 また、㊷の正方形の1辺の長さは、
 $20 - 17 = 3$ より、 3 cm
 だから、求める図形の面積は、
 $260 - 8 \times 8 - 3 \times 3 = 260 - 64 - 9 = 187$ より、
 187 cm^2