Corrections

EX 1

$\mathscr{P} = 12\_$
$\mathscr{A} = 5$ ☐

$\mathscr{P} = 16\_$
$\mathscr{A} = 16$ ☐

$\mathscr{P} = 12\_$
$\mathscr{A} = 5$ ☐

$\mathscr{P} = 10\_$
$\mathscr{A} = 5$ ☐

$\mathscr{P} = 16\_$
$\mathscr{A} = 10$ ☐

$\mathscr{P} = 16\_$
$\mathscr{A} = 7$ ☐

EX 2

1. $\mathscr{P}_1 = 2\ \text{cm} + 2\ \text{cm} + 2\ \text{cm} + 2\ \text{cm} = 8\ \text{cm}$

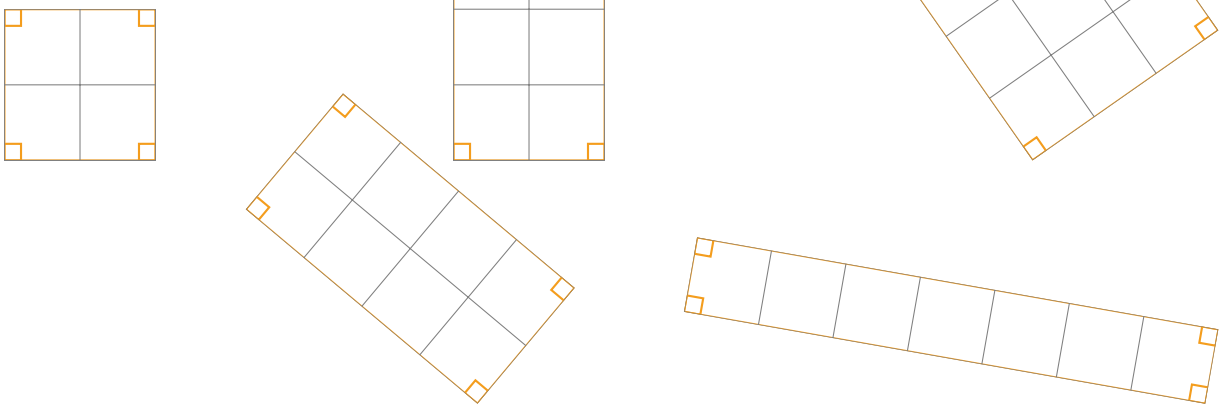
$\mathscr{P}_2 = 2\ \text{cm} + 3\ \text{cm} + 2\ \text{cm} + 3\ \text{cm} = 10\ \text{cm}$

$\mathscr{P}_3 = 3\ \text{cm} + 3\ \text{cm} + 3\ \text{cm} + 3\ \text{cm} = 12\ \text{cm}$

$\mathscr{P}_4 = 2\ \text{cm} + 4\ \text{cm} + 2\ \text{cm} + 4\ \text{cm} = 12\ \text{cm}$

$\mathscr{P}_5 = 7\ \text{cm} + 1\ \text{cm} + 7\ \text{cm} + 1\ \text{cm} = 16\ \text{cm}$

2.



$\mathscr{A}_1 = 4\ \text{cm}^2$

$\mathscr{A}_2 = 9\ \text{cm}^2$

$\mathscr{A}_3 = 7\ \text{cm}^2$

$\mathscr{A}_4 = 6\ \text{cm}^2$

$\mathscr{A}_5 = 8\ \text{cm}^2$

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EX 3

$\mathscr{P}_1 = 4\ \text{cm} + 2\ \text{cm} + 4\ \text{cm} + 2\ \text{cm} = 12\ \text{cm}$

$\mathscr{P}_2 = 1{,}5\ \text{cm} + 3{,}2\ \text{cm} + 1{,}5\ \text{cm} + 3{,}2\ \text{cm} = 9{,}4\ \text{cm}$

$\mathscr{P}_3 = 4{,}4\ \text{cm} + 4{,}4\ \text{cm} + 4{,}4\ \text{cm} + 4{,}4\ \text{cm} = 17{,}6\ \text{cm}$

$\mathscr{A}_1 = 4\ \text{cm} \times 2\ \text{cm} = 8\ \text{cm}^2$

$\mathscr{A}_2 = 1{,}5\ \text{cm} \times 3{,}2\ \text{cm} = 4{,}8\ \text{cm}^2$

$\mathscr{A}_3 = 4{,}4\ \text{cm} \times 4{,}4\ \text{cm} = 19{,}36\ \text{cm}^2$

EX 4

1. $\mathscr{P}_{ABCD} = (6\ \text{cm} + 3\ \text{cm}) \times 2 = 18\ \text{cm}$
   $\mathscr{A}_{ABCD} = 6\ \text{cm} \times 3\ \text{cm} = 18\ \text{cm}^2$
2. $\mathscr{P}_{EFGH} = 4 \times 7\ \text{cm} = 28\ \text{cm}$
   $\mathscr{A}_{EFGH} = 7\ \text{cm} \times 7\ \text{cm} = 49\ \text{cm}^2$
3. $\mathscr{P}_{IJKL} = (3\ \text{cm} + 4\ \text{cm}) \times 2 = 14\ \text{cm}$
   $\mathscr{A}_{IJKL} = 3\ \text{cm} \times 4\ \text{cm} = 12\ \text{cm}^2$
4. $\mathscr{P}_{MNOP} = 4 \times 4\ \text{cm} = 16\ \text{cm}$
   $\mathscr{A}_{MNOP} = 4\ \text{cm} \times 4\ \text{cm} = 16\ \text{cm}^2$
5. $\mathscr{P}_{QRST} = 4 \times 8\ \text{cm} = 32\ \text{cm}$
   $\mathscr{A}_{QRST} = 8\ \text{cm} \times 8\ \text{cm} = 64\ \text{cm}^2$

EX 5

1. $1\ \text{cm} = 10\ \text{mm}$
2. $1\ \text{mm} = 0{,}1\ \text{cm}$
3. $1\ \text{m} = 100\ \text{cm}$
4. $1\ \text{dm} = 10\ \text{cm}$
5. $5\ \text{m} = 5\ 000\ \text{mm}$
6. $12\ \text{dm} = 1{,}2\ \text{m}$
7. $7\ \text{m} = 0{,}7\ \text{dam}$
8. $8\ \text{m} = 0{,}008\ \text{km}$

EX 6

1. $1\ \text{cm}^2 = 100\ \text{mm}^2$
2. $1\ \text{mm}^2 = 0{,}01\ \text{cm}^2$
3. $1\ \text{m}^2 = 10\ 000\ \text{cm}^2$
4. $1\ \text{dm}^2 = 100\ \text{cm}^2$
5. $5\ \text{m}^2 = 5\ 000\ 000\ \text{mm}^2$
6. $12\ \text{dm}^2 = 0{,}12\ \text{m}^2$
7. $7\ \text{m}^2 = 0{,}07\ \text{dam}^2$
8. $8\ \text{m}^2 = 0{,}000\ 008\ \text{km}^2$

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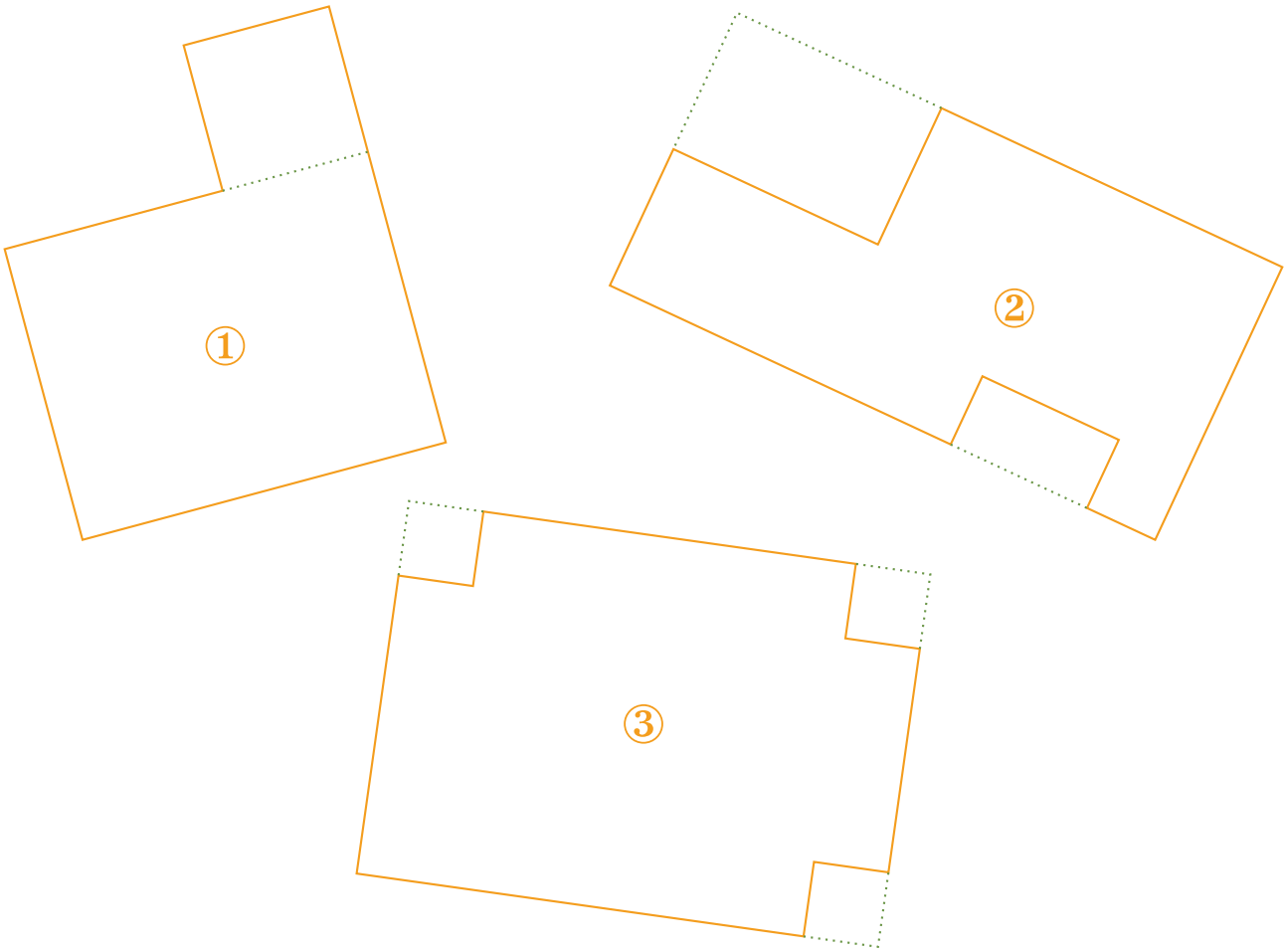
EX 7



Pour la figure ①, on peut ajouter l'aire du rectangle et l'aire du carré :

$\mathscr{A}_1 = (5\ \text{cm} \times 4\ \text{cm}) + (2\ \text{cm} \times 2\ \text{cm}) = 20\ \text{cm}^2 + 4\ \text{cm}^2 = 24\ \text{cm}^2$

Pour la figure ②, on peut calculer l'aire d'un grand rectangle et lui soustraire les aires des 2 petits rectangles :

$\mathscr{A}_2 = (7\ \text{cm} \times 4\ \text{cm}) - (2\ \text{cm} \times 1\ \text{cm}) - (3\ \text{cm} \times 2\ \text{cm}) = 28\ \text{cm}^2 - 2\ \text{cm}^2 - 6\ \text{cm}^2 = 20\ \text{cm}^2$

Pour la figure ③, on peut déterminer l'aire du grand rectangle et lui soustraire l'aire des 3 petits carrés :

$\mathscr{A}_3 = (7\ \text{cm} \times 5\ \text{cm}) - 3 \times (1\ \text{cm} \times 1\ \text{cm}) = 35\ \text{cm}^2 - 3\ \text{cm}^2 = 32\ \text{cm}^2$

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