



Aufgabe 1

Kannst du die zusammengesetzten Flächen berechnen?
Überlege dir einen geeigneten Rechenweg!

- a) Berechne den **Umfang** der gegebenen Figuren.
- b) Berechne den **Flächeninhalt** der gegebenen Figuren.

Figure A: A composite shape with a horizontal base of 4, a vertical left side of 2, a top horizontal segment of 3, a vertical segment of 3, and a right vertical side of 6. Handwritten calculations: $U = 22 \text{ m}$, $2 \cdot 2 = 4$, $3 \cdot 5 = 18$, $\underline{\underline{22 \text{ m}}}$.

Figure B: A square with side length 5 and a smaller square with side length 2 cut out from the top-left corner. Handwritten calculations: $4 \cdot 5 = 20$, $2 \cdot 2 = 4$, $\underline{\underline{16 \text{ m}^2}}$, $U = 26 \text{ m}$.

Figure C: A composite shape with a horizontal base of 7, a vertical left side of 2, a top horizontal segment of 5, and a right vertical side of 5. Handwritten calculations: $5 \cdot 2 = 10$, $5 \cdot 2 = 10$, $\underline{\underline{20 \text{ m}^2}}$, $U = 24 \text{ m}$.

Figure D: A composite shape with a horizontal base of 3, a vertical left side of 2, a top horizontal segment of 3, a vertical segment of 2, and a right vertical side of 2. Handwritten calculations: $2 \cdot 4 = 8$, $2 \cdot 2 = 4$, $3 \cdot 1 = 3$, $\underline{\underline{15 \text{ m}^2}}$.