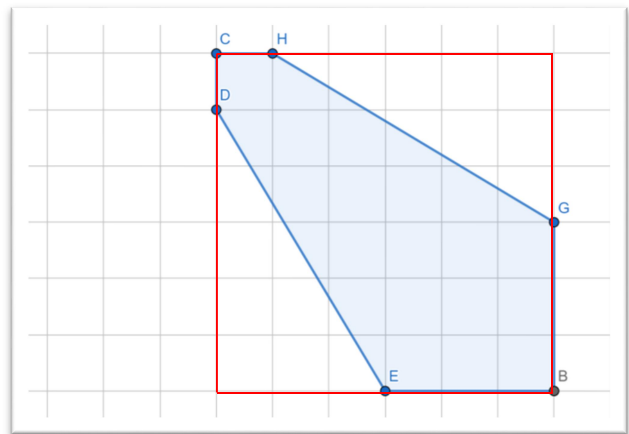
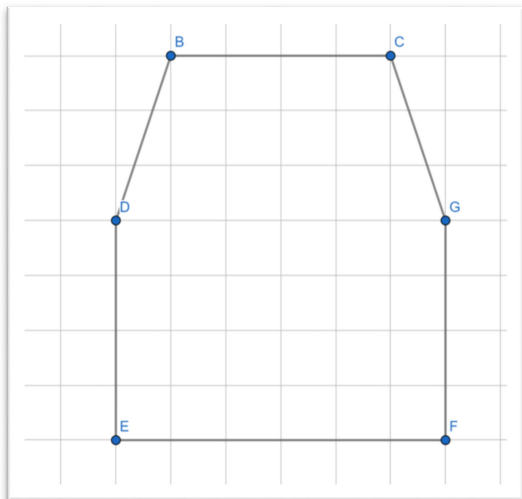


Vypočítej obvod a obsah ploch v síti o stranách 1 cm. Pokud budeš pracovat s kalkulačkou, zaokrouhli délky na jedno desetinné místo.

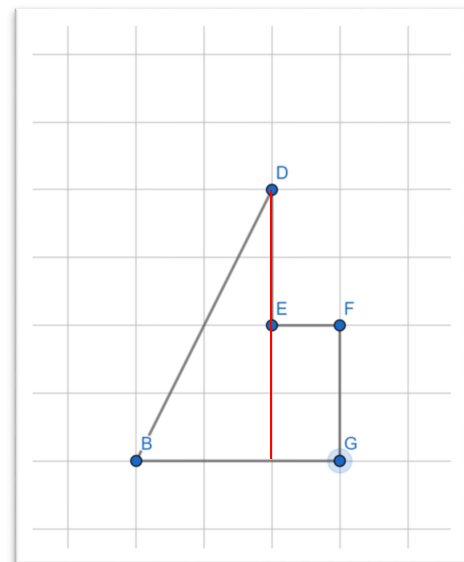
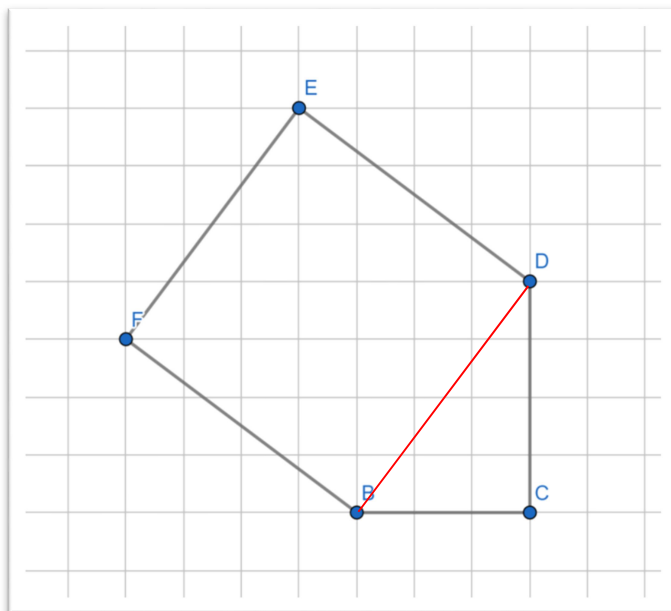


$$S_1 = 4 \cdot 6 + \frac{6+4}{2} \cdot 3 = 39 \text{ cm}^2$$

$$S_2 = 6 \cdot 6 - 2 \cdot \frac{3 \cdot 5}{2} = 21 \text{ cm}^2$$

$$o_1 = 6 + 4 + \sqrt{10} + 4 + \sqrt{10} + 4 = \underline{18 + 2\sqrt{10} \text{ cm}}$$

$$o_2 = 3 + 3 + \sqrt{34} + 1 + 1 + \sqrt{34} = \underline{8 + 2\sqrt{34} \text{ cm}}$$



$$S_3 = 5 \cdot 5 + \frac{3 \cdot 4}{2} = 31 \text{ cm}^2$$

$$S_4 = 2 \cdot 1 + \frac{2 \cdot 4}{2} = 6 \text{ cm}^2$$

$$o_3 = 5 + 5 + 5 + 4 + 3 = \underline{22 \text{ cm}}$$

$$o_4 = 3 + 2 + 1 + 2 + \sqrt{2^2 + 4^2} = \underline{8 + \sqrt{20} \text{ cm}}$$