

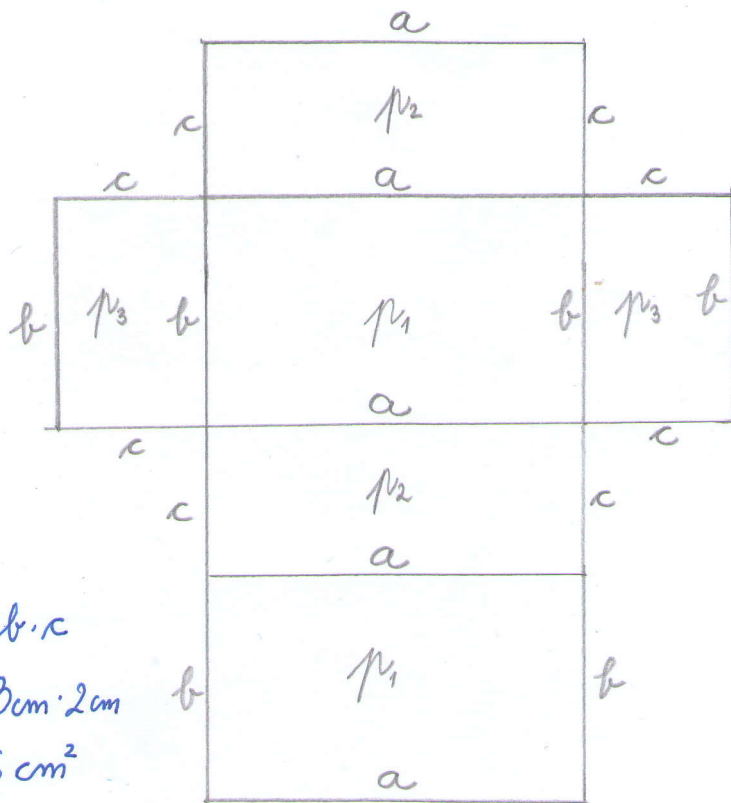
REŠITVE G.R (31.3)

kvader

$$a = 5 \text{ cm}$$

$$b = 3 \text{ cm}$$

$$c = 2 \text{ cm}$$



1. način + 2. način

$$p_1 = a \cdot b$$

$$p_1 = 5 \text{ cm} \cdot 3 \text{ cm}$$

$$p_1 = 15 \text{ cm}^2$$

$$p_2 = a \cdot c$$

$$p_2 = 5 \text{ cm} \cdot 2 \text{ cm}$$

$$p_2 = 10 \text{ cm}^2$$

$$p_3 = b \cdot c$$

$$p_3 = 3 \text{ cm} \cdot 2 \text{ cm}$$

$$p_3 = 6 \text{ cm}^2$$

1. način

$$P = 2 \cdot p_1 + 2 \cdot p_2 + 2 \cdot p_3$$

$$P = 2 \cdot 15 \text{ cm}^2 + 2 \cdot 10 \text{ cm}^2 + 2 \cdot 6 \text{ cm}^2$$

$$P = 30 \text{ cm}^2 + 20 \text{ cm}^2 + 12 \text{ cm}^2$$

$$P = 62 \text{ cm}^2$$

2. način :

$$P = 2 \cdot (p_1 + p_2 + p_3)$$

$$P = 2 \cdot (15 \text{ cm}^2 + 10 \text{ cm}^2 + 6 \text{ cm}^2)$$

$$P = 2 \cdot 31 \text{ cm}^2$$

$$P = 62 \text{ cm}^2$$

3. način

$$P = 2 \cdot a \cdot b + 2 \cdot a \cdot c + 2 \cdot b \cdot c$$

$$P = 2 \cdot 5 \text{ cm} \cdot 3 \text{ cm} + 2 \cdot 5 \text{ cm} \cdot 2 \text{ cm} + 2 \cdot 3 \text{ cm} \cdot 2 \text{ cm}$$

$$P = 30 \text{ cm}^2 + 20 \text{ cm}^2 + 12 \text{ cm}^2$$

$$P = 62 \text{ cm}^2$$

Učb, str. 155, nal. 20.

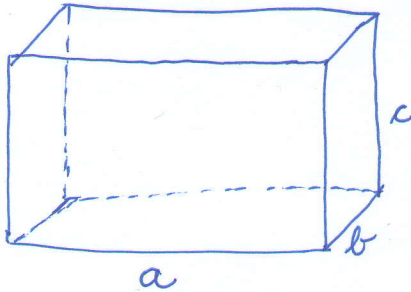
kvader

$$a = 2,3 \text{ dm} = 23 \text{ cm}$$

$$b = 14 \text{ cm}$$

$$c = 6 \text{ cm}$$

$$P = ?$$



Robove lahko označite v poljubnem vrstnem redu, to je le ena od možnosti. Ujemati se morajo velikosti ploskev (ne nujno oznake) in končni rezultat.

1. način + 2. način

$$p_1 = a \cdot b$$

$$p_1 = 23 \text{ cm} \cdot 14 \text{ cm}$$

$$p_1 = \underline{322 \text{ cm}^2}$$

$$p_2 = a \cdot c$$

$$p_2 = 23 \text{ cm} \cdot 6 \text{ cm}$$

$$p_2 = \underline{138 \text{ cm}^2}$$

$$p_3 = b \cdot c$$

$$p_3 = 14 \text{ cm} \cdot 6 \text{ cm}$$

$$p_3 = \underline{84 \text{ cm}^2}$$

1. način

$$P = 2 \cdot p_1 + 2 \cdot p_2 + 2 \cdot p_3$$

$$P = 2 \cdot 322 \text{ cm}^2 + 2 \cdot 138 \text{ cm}^2 + 2 \cdot 84 \text{ cm}^2$$

$$P = 644 \text{ cm}^2 + 276 \text{ cm}^2 + 168 \text{ cm}^2$$

$$P = \underline{1088 \text{ cm}^2}$$

3. način

$$P = 2 \cdot a \cdot b + 2 \cdot a \cdot c + 2 \cdot b \cdot c$$

$$P = 2 \cdot 23 \text{ cm} \cdot 14 \text{ cm} + 2 \cdot 23 \text{ cm} \cdot 6 \text{ cm} + 2 \cdot 14 \text{ cm} \cdot 6 \text{ cm}$$

$$P = 644 \text{ cm}^2 + 276 \text{ cm}^2 + 168 \text{ cm}^2$$

$$P = \underline{1088 \text{ cm}^2}$$

2. način

$$P = 2 \cdot (p_1 + p_2 + p_3)$$

$$P = 2 \cdot (322 \text{ cm}^2 + 138 \text{ cm}^2 + 84 \text{ cm}^2)$$

$$P = 2 \cdot 544 \text{ cm}^2$$

$$P = \underline{1088 \text{ cm}^2}$$