Odpowiedzi do zadań ze strony 232. Klasa 5

Zad. 1/ 232

a)

Dane: a = 1 m , b = 6 m, c = 7 m

Pc = 2 · 1 m · 6 m + 2 · 1 m · 7 m + 2 · 7 m · 6 m = 12 m2  + 14 m2 + 84 m2 = 110 m2

b)

Dane: a = 4 cm , b = 4 cm, c = 7 cm

Pc = 2 · 4 m · 4 m + 4 · 4 m · 7 m = 32 m2  + 112 m2 = 144 m2

c)

Dane: a = 1 1cm , b = 9 cm, c = 3 cm

Pc = 2 · 11 cm · 9 m + 2 · 9 cm · 3 cm + 2 · 11 cm · 3 cm = 198 cm2  + 54 cm2 + 66 m2 = 318 cm2

d)

Dane: a = 3 m = 30 dm , b = 1 dm, c = 2 m = 20 dm

Pc = 2 · 30 dm · 1 dm + 2 · 1 dm · 20 dm + 2 · 30 dm · 20 dm = 60 dm2  + 40 dm2 + 1200 dm2 = 1300 dm2 = 13 m2

Zad. 3/ 232

a)Dane: a = 5 cm, b = 7 cm

Pc = 2 · 5 cm · 5 cm + 4 · 5 cm · 7 cm = 50 cm2  + 140 cm2 = 190 cm2

b) a = 6 cm, b = 8 cm, c = 10 cm, H = 10 cm

Pp = $\frac{6 cm ∙ 8 cm}{2}$ = 24 cm2, Pb = 6 cm · 10 cm + 8 cm · 10 cm + 10 cm · 10 cm = 60 cm2 + 80 cm2 + 100 cm2 = 240 cm2

Pc = 2 · 24 cm2 + 240 cm2  = 288 cm2

Zad. 4/ 232

P dna= 10 m · 25 m = 250 m2

Pb = 2 · 10 m · 2 m + 2 · 25 m · 2 m = 40 m2  + 100 m2 = 140 m2

P kafelków = 250 m2 + 140 m2 = 390 m2

Odp. Potrzeba co najmniej 390 m2 kafelków.