**1.Prisma patrulatera regulata dreapta.**

- are la baze patrate,iar muchiile laterale sunt perpendiculare pe baze.

FORMULE :

**Alaturii = Afetei laterale x 4**

**Alaturii = Pbazei x h**

**Atotala = Alaturii x 2Abazei**

**V = Abazei x h**

**Pbazei = 4l**

**Abazei =**

**Elementele prismei :**

**1.Bazele : (ABCD) , (A’B’C’D’).**

**2.Fetele laterale : (ABB’A’) , (BB’CC’) , (ADD’A’) , (CC’D’D).**

**3.Muchiile (12) :-bazelor (8) : AB,BC,CD,AD,A’B’,B’C’,C’D’,D’A’.**

**:-laterale (4) : AA’,BB’,CC’,DD’.**

**4.Diagonalele prismei – D’B,AC’,CA’,DB’.**

**5.Sectiuni diagonale – (ACC’A) , (BB’D’D).**

**Desfasurarea prismei :**

**2.Cubul.**

**Alaturii =**

**Atotala =**

**V =**

**Dcub =**

**Desfasurarea cubului :**

**3.Paralelipipedul dreptunghic.(Cuboid)**

**Alaturii = 2Lh + 2lh**

**Atotala = 2Lh + 2lh + 2L x l V V = L x l x h**

**Desfasurarea paralelipipedului dreptunghic:**

**4.Prisma triunghiulara regulata dreapta.**

**- la baza are un triunghi echilateral,iar muchiile laterale sunt perpendiculare pe baze.**

**Alaturii = Afetei laturii**

**Alaturii = Pbazei x h**

**Atotala = Alaturii + 2Abazei**

**V = Abazei x h**

**Pbazei = 3l**

**Abazei =**

**Desfasurarea prismei triunghiulare :**

**5.Prisma hexagonala regulata dreapta**.

**Alaturii = 6Afetei laterale**

**Alaturii = Pbazei x h**

**Atotala = Alaturii + 2Abazei**

**V = Abazei x h**

**Pbazei = 6l**

**Abazei = 6 x A echilateral**

**Desfasurarea prismei hexagonale :**

**6.Piramida patrulatera regulata dreapta :**

**- are la baza un patrat iar inaltimea piramidei cade in centrul bazei.**

**Elementele piramidei :**

**1.Baza : (ABCD) – patrat.**

**2.Fete laterale : (VAB) , (VBC) , (VDC) , (VAD) – triunghiuri isoscele laterale;pot fi si echilaterale.**

**3.Muchiile - bazelor : AB = BC = CD = DA = l**

**- laterale : VA = VB = VC = VD = m**

**4.Inaltimea piramidei : VO = h.**

**5.Apotema – bazei : OM = (perpendiculara din centrul bazei pe muchia bazei)**

**- piramidei : VM = (inaltimea unei fete laterale).**

**6.Sectiuni diagonale : (VAC) , (VDB) .**

**Alaturii = 4 x Afetei laterale**

**Alaturii =**

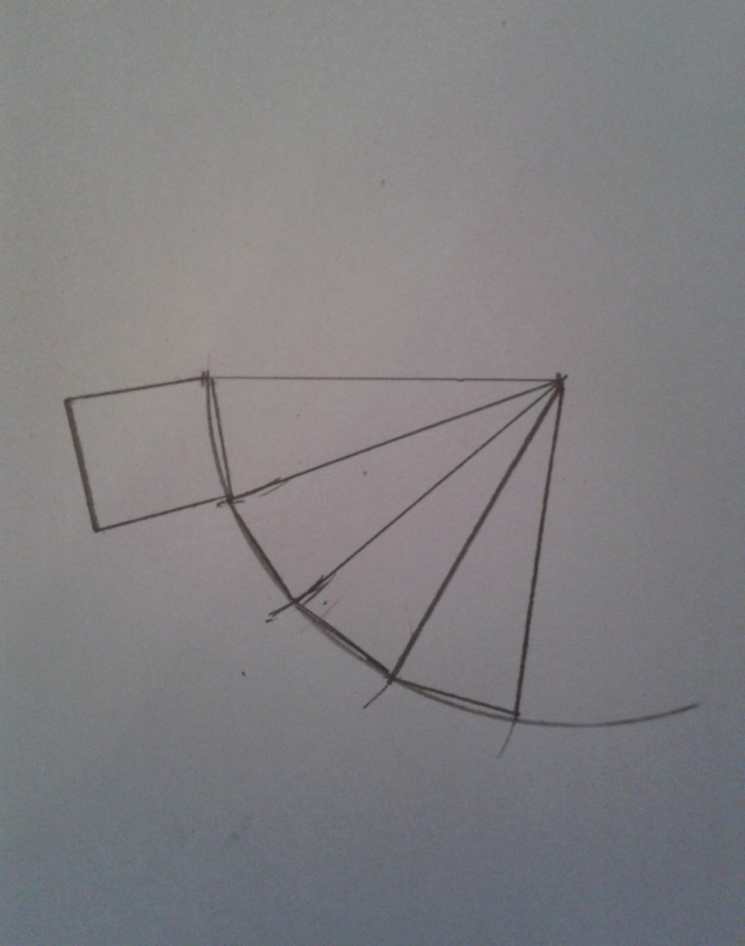
**Atotala = Alaturii + Abazei**

**V =**

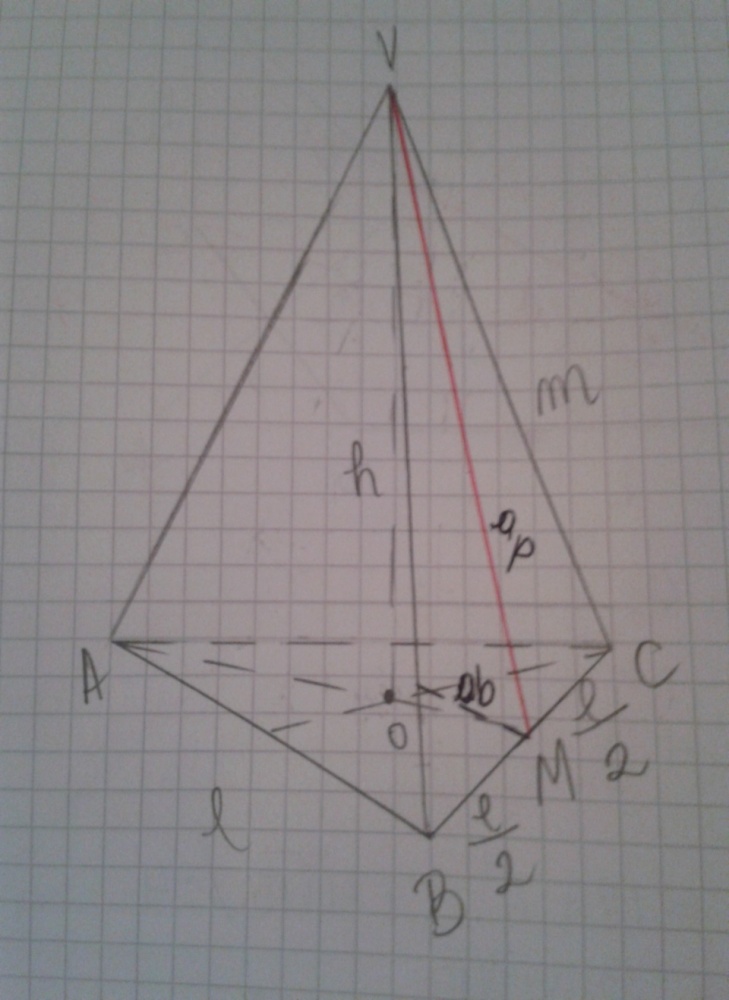
**Pbazei = 4l**

**Abazei =**

**Desfasurarea piramidei patrulatere :**

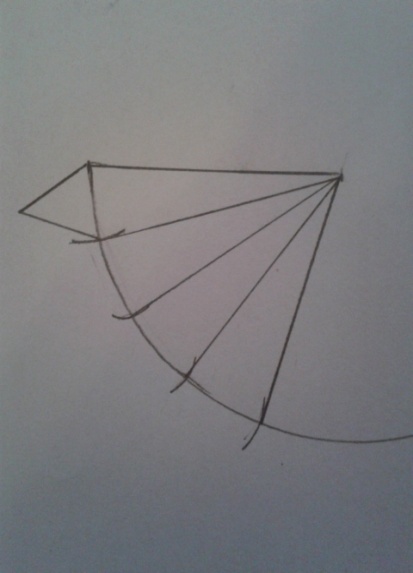
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**7.Piramida triunghiulara regulata dreapta. (Tetraedrul)**

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**-Are aceleasi formule ca ale piramidei patrulatere.**

**Desfasurarea piramidei triunghiulare :**

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