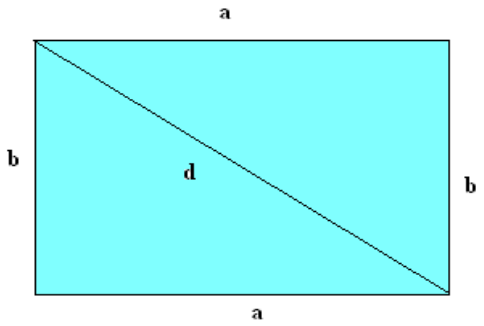
Microsoft Excel dasturida geometrik masalalarni yechish.

Aziz o`quvchilar matematka fanidan tayyorlangan ushbu tavsiyanomada asosan geometrik ba`zi masalalarni Microsoft Excel dasuridan foydalanib, hisoblashni tavsiya etamiz. Bunga ko`ra siz, to`g`ri burchakli uchburchakning yuzini yoki, istalgan uchburchakning yuzini, aylanish jismlarning to`la sirtini yuzi va uning hajmini topish formulalaridan foydalanib tuzilgan hisoblashni ko`rasiz.

Hisoblashni bajarish uchun kerakli oyna ustiga sichqoncha chap tugmasini ikki marta bosasiz va Microsoft Excel dasuri oynasi faollashadi. Qiymatlar kiritish, joriy katakchalariga kerakli parametrlarni kiritasiz va natijani olasiz.

To`g`ri to`rtburchakni perimetri va yuzini topish.

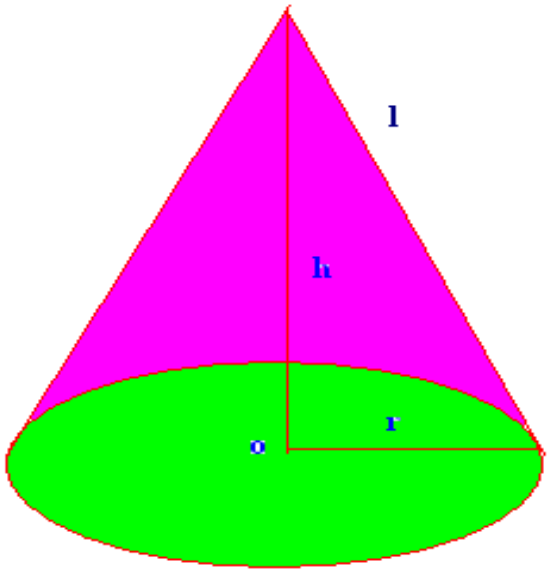


a ni kiriting	8
b ni kiriting	6
Yuzasi S=	48
Perimetri P=	28
Diognali d=	10

$S = a \cdot b$

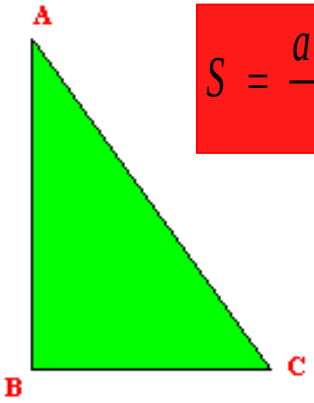
$P = 2(a + b)$

Konusning to`la sirti va hajmi



Yasovchisi L=	2
Radiusni kiriting R=	3
Balandlikni kiriting H=	5
To`la sirti S=	15π
Hajmi V=	15π

To`g`ri burchakli uchburchak yuzini topish.

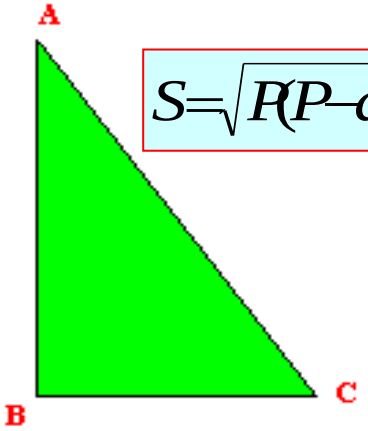


$$S = \frac{a \cdot b}{2}$$

a ni kiriting	8
b ni kiriting	5
S=	20

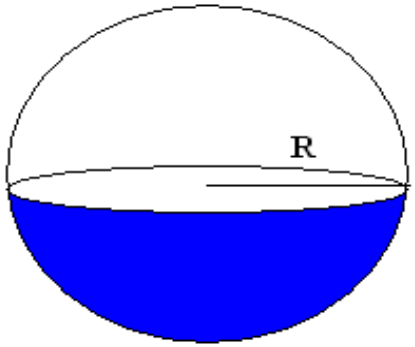
Geron formulasi bo`yicha yuzani hisoblash

a ni kiriting	6
b ni kiriting	8
c ni kiriting	10
S yuza	24

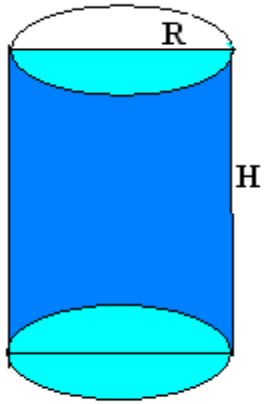


$$S=\sqrt{P(P-a)(P-b)(P-c)}$$

Sharning to`la sirti va hajmi



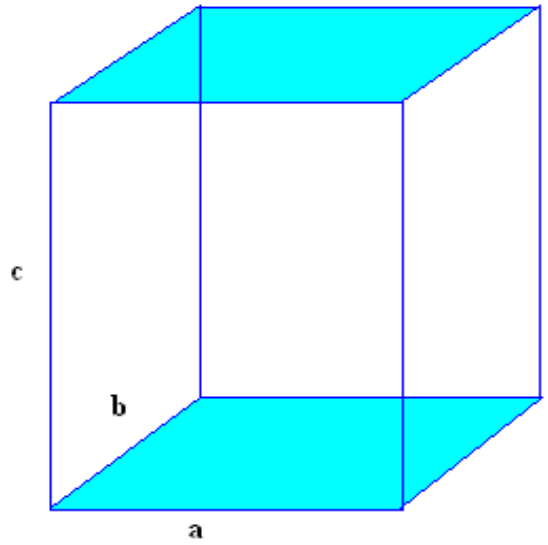
Shar radiusi R=	2	
To`la sirti S=	16	π
Hajmi V=	21,3	π



Silindrning to`la sirti va hajmi

Asos radiusi R=	2	
Balandligi H=	4	
To`la sirti S=	24	π
Hajmi V=	16	π

Parallelepipedning to`la sirti va hajmi



Eni a=	2
Bo`yi b=	2
Balandligi c=	4
To`la sirti S=	40
Hajmi V=	16

Tuzuvch: Shahrisabz Abu Ali ibn Sino nomidagi jamoat salomatligi texnikumi Tibbiyotda axborot texnalogiyalari fani o`qituvchisi Umirov Zafar.