

**„MODEL VA MODEL
TURLARI**

MODELLASHTIRISH

REJA:

**1.OBYEKT VA MODEL
TUSHUNCHALARI.**

2.MODEL TURLARI.

3.MODELLASHTIRISH.

OBJEKT

?

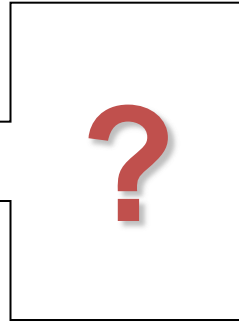
MODEL

**Rangsiz, hidsiz
suyuqlik (qalin
qatlamda zangori
rangli) kimyoviy
birikma.**



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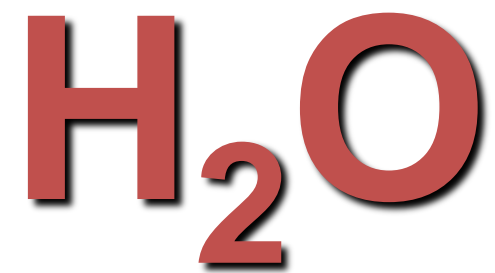


meduza

90%











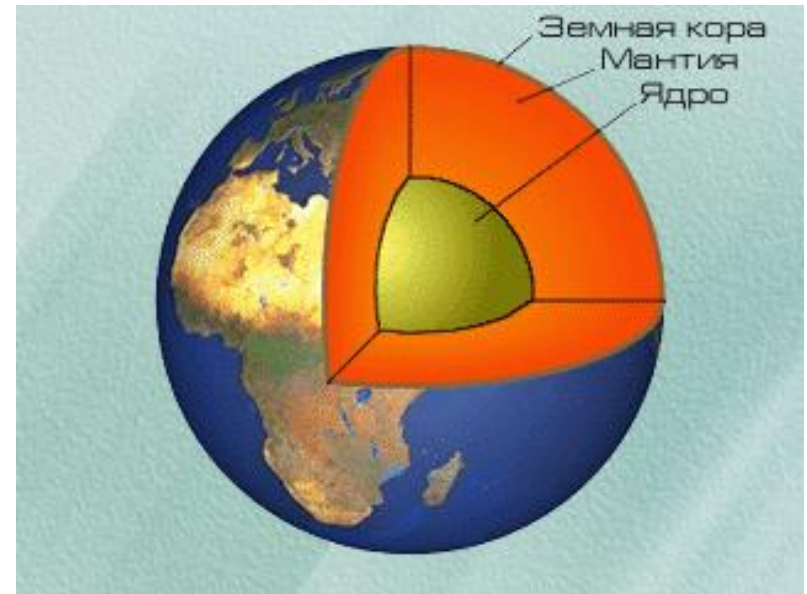
Model –(lat. modulus – o`lchov, me`yor) - biror obyekt yoki obyektlar tizimining obrazi yoki namunasidir.

**Demak, model tuzish uchun obyekt
nima hisoblanadi?**

Obyekt (*lot. objectum - narsa, anjom*) — *haqiqatda mavjud bo'lgan, kuzatuv (o'rganish) jarayonining va subyektning (kuzatuvchining) e'tibori qaratilgan predmet, voqea, hodisadir.*

MODEL TURLARI

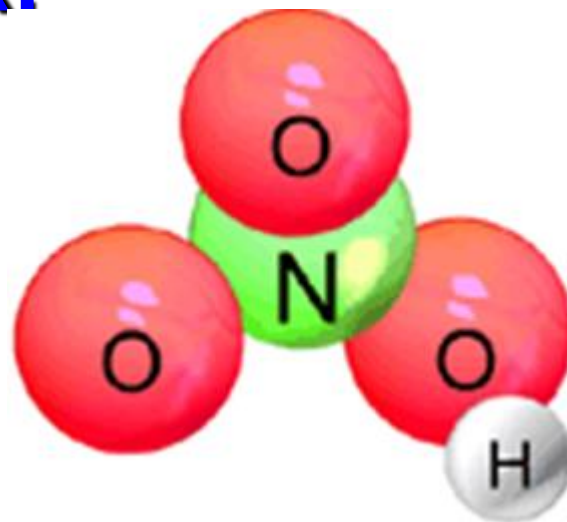
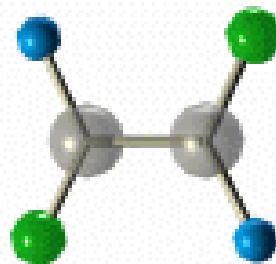
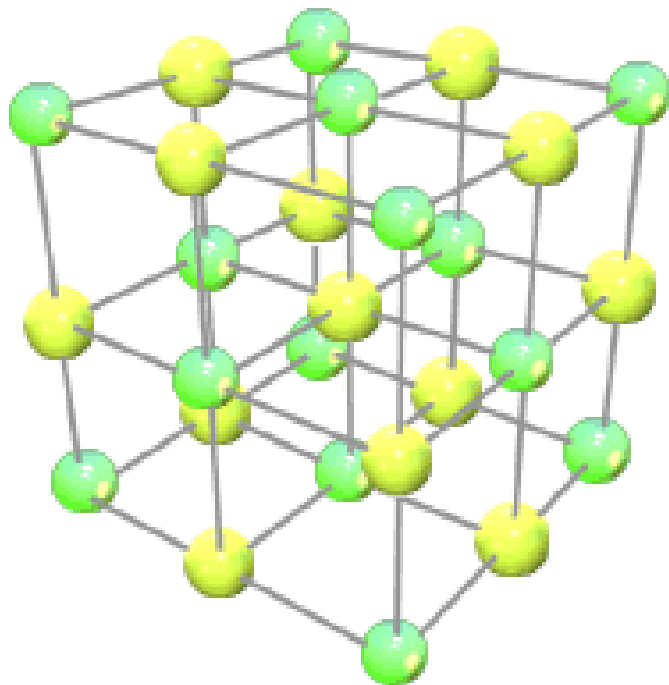
GEOGRAFIK MODELLAR:



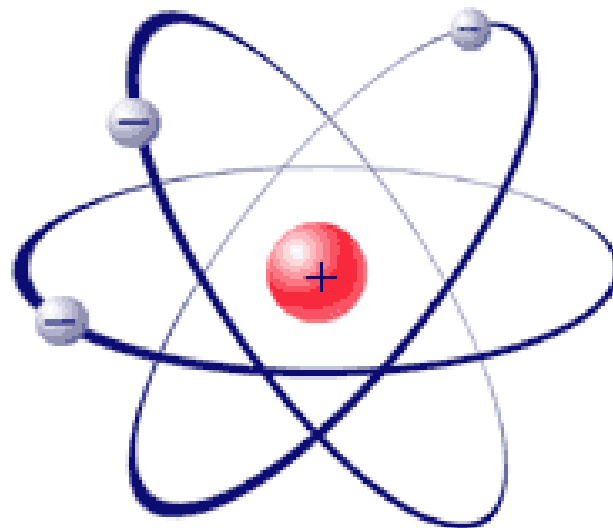
BIOLOGIK MODELLAR:



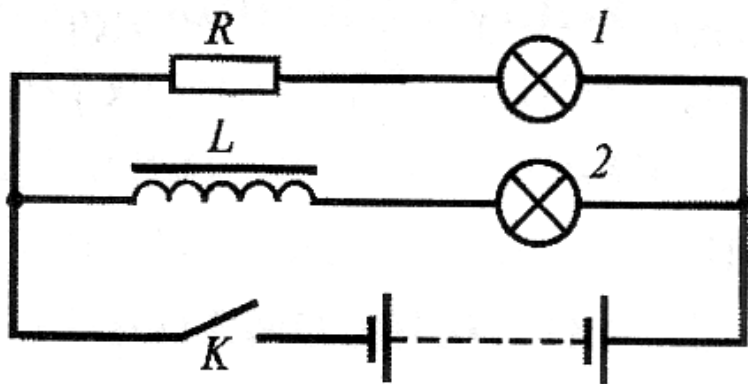
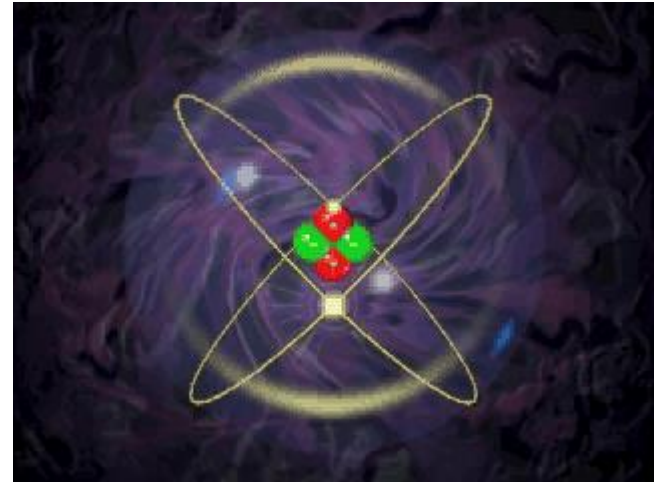
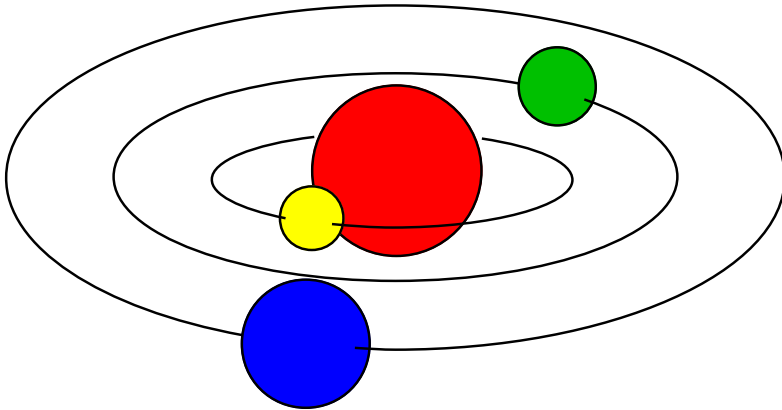
KIMYOVIIY MODELLAR:



AZOT KISLOTASI

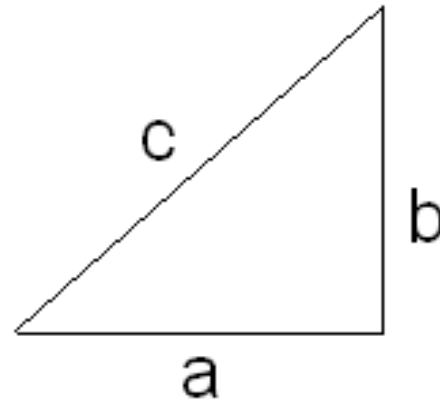
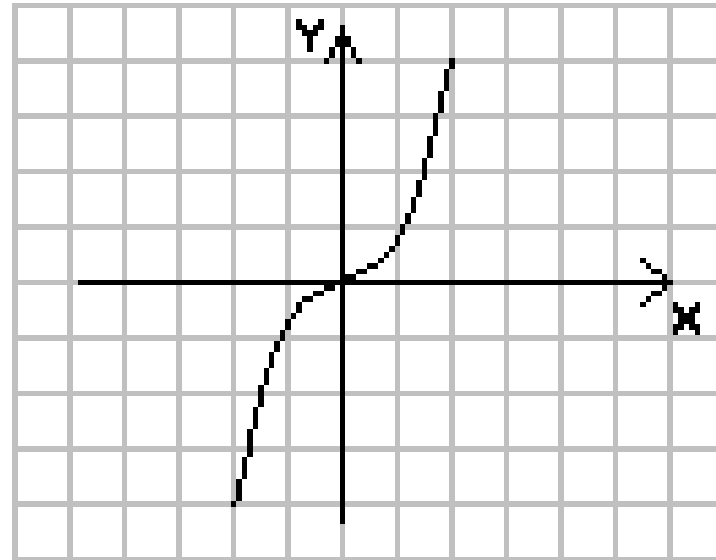
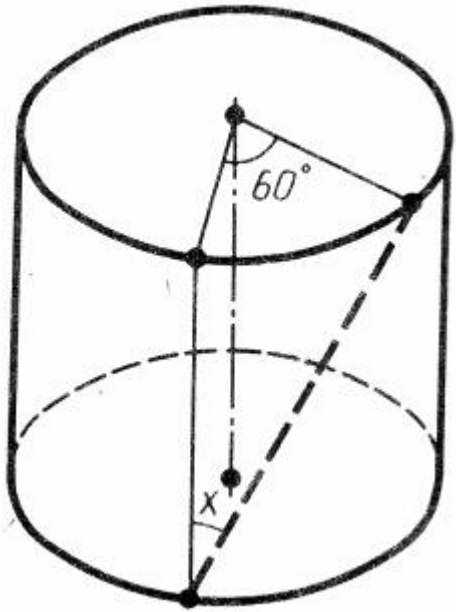


FIZIK MODELLAR:



$$F = k \cdot \frac{q_1 \cdot q_2}{r^2}$$

MATEMATIK MODELLAR:



$$c^2 = a^2 + b^2$$

JAMOAVIY-QABILA MUNOSABATLARI MODELLARI





Rangsiz, hidsiz suyuqlik
(qalin qatlamda zangori
rangli) kimyoviy birikma.



SUV



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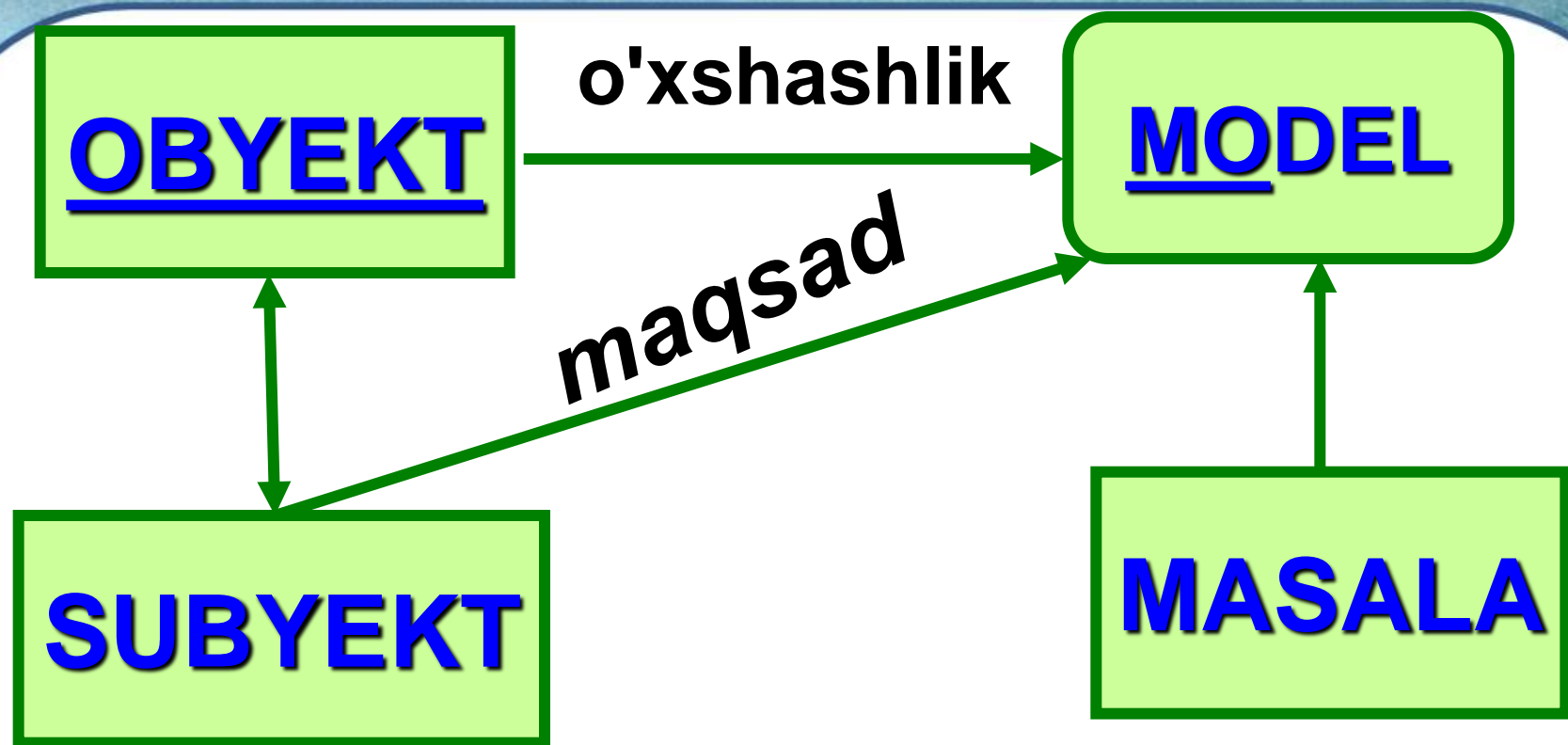


Meduza

90%

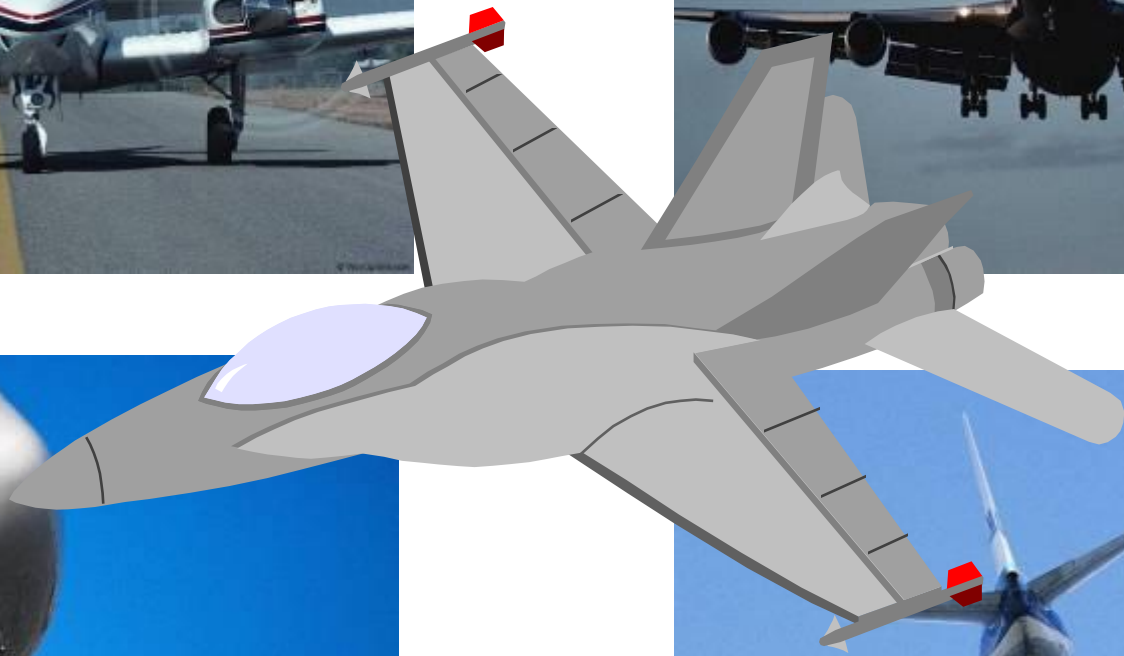
H₂O

**BITTA OBYEKTNI BIR
NECHTA MODELL
BILAN, HAR XIL
OBYEKT LARNI ESA
BITTA MODEL BILAN
IZOHLASH MUMKIN.**



Modellashtirish – bilish obyektlari (fizik hodisa va jarayonlar) ni ularning modellari yordamida tadqiq, qilish mavjud predmet va hodisalarning modellarini yasash va o`rganishdir.





Modellar

```
graph TD; Modellar --> Materialli; Modellar --> axborotli; Materialli --> maketlar; Materialli --> o'yinchoqlar; axborotli --> chizmalar; axborotli --> foto_rasmlar[foto-rasmlar]; axborotli --> rasmlar; axborotli --> rejalar; axborotli --> kartalar; axborotli --> sxemalar; axborotli --> grafiklar; axborotli --> og_zaki_tushuntirishlar[og'zaki tushuntirishlar:]; axborotli --> matematik; axborotli --> maxsus; axborotli --> algoritmik;
```

Materialli

**maketlar
o'yinchoqlar**

axborotli

**chizmalar
foto-rasmlar
rasmlar
rejalar
kartalar
sxemalar
grafiklar
og'zaki tushuntirishlar:
matematik
maxsus
algoritmik**

QAYSI MODELGA KIRISHINI YOZING (MATERILLIMI YOKI AXBOROTLIMI?)



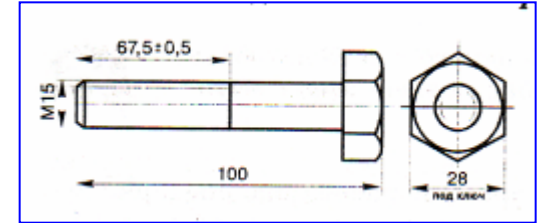
№1



№2



№3



№4



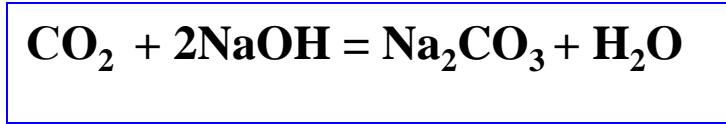
№5



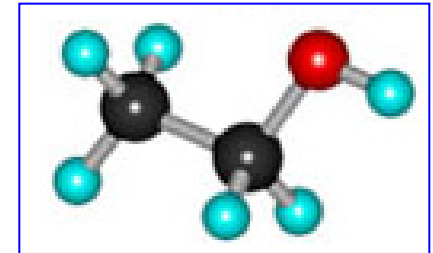
№6

Kompyuter (ing . computer — hisoblayman), EHM (Elektron Hisoblash Mashinasi) — oldindan berilgan dastur (programma) bo'yicha ishlaydigan avtomatik qurilma.

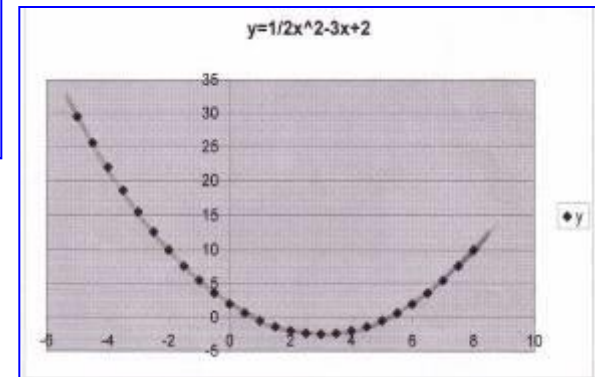
№7



№9



№8



№10