KHAN GLOBAL STUDIES

Most Trusted Learning Platform

KHAN SIR

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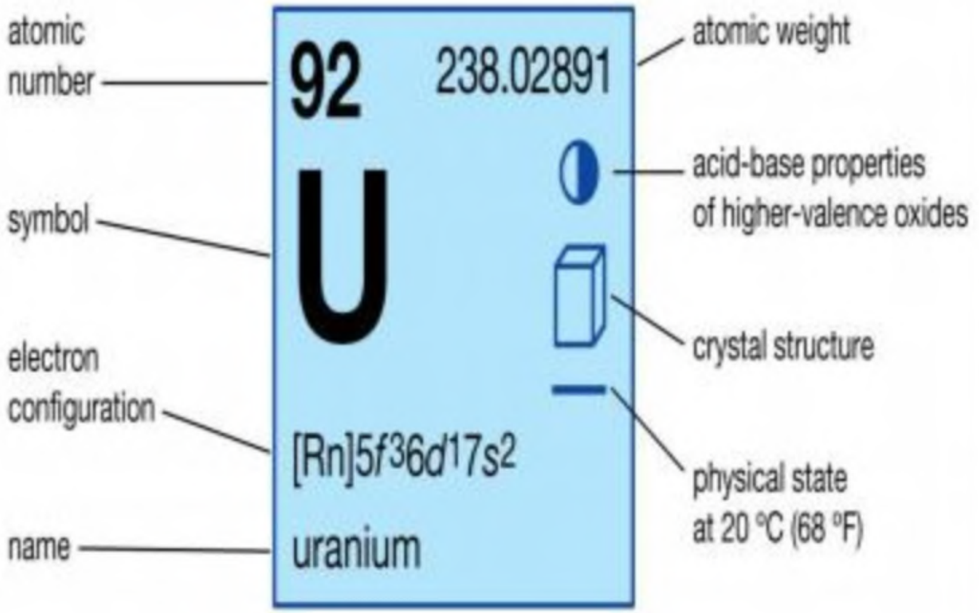
The Most Trusted Learning Platform

LIVE CLASSES

BY – AVINASH ROY SIR

Uranium



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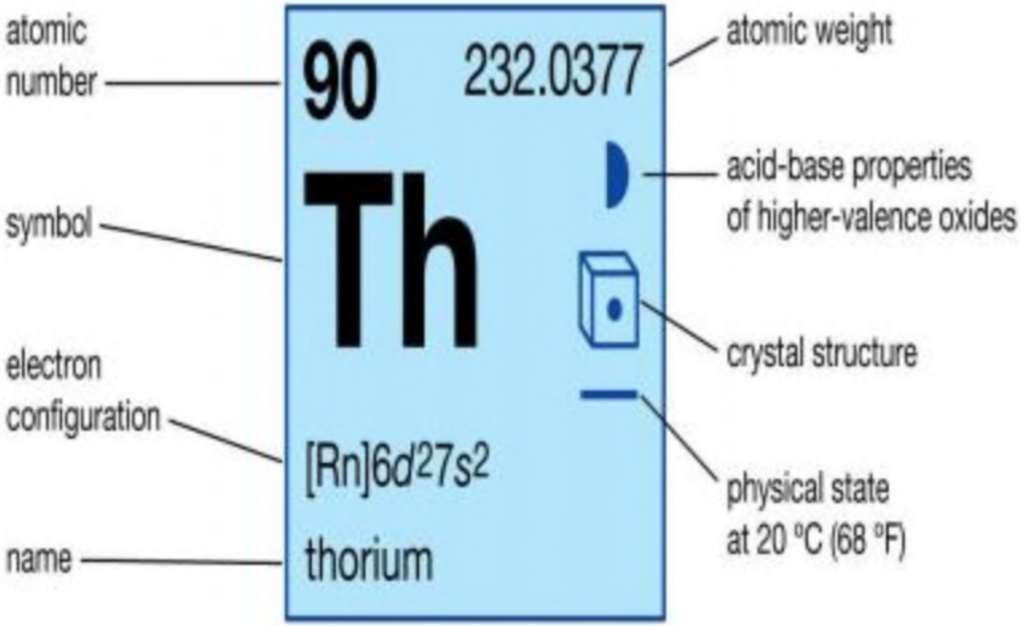
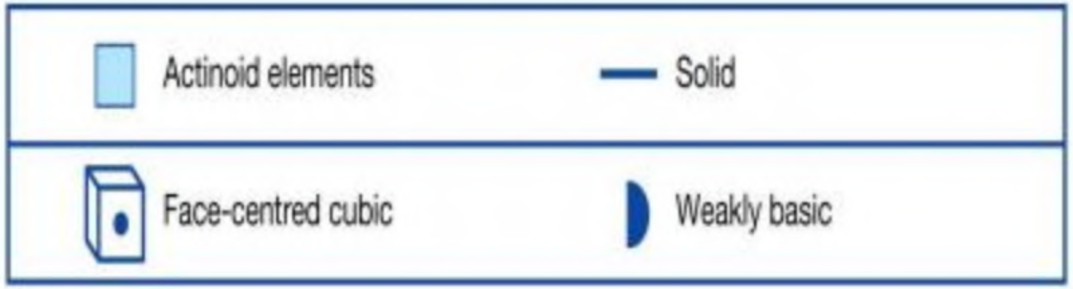
- 92
- 238

Thorium





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232
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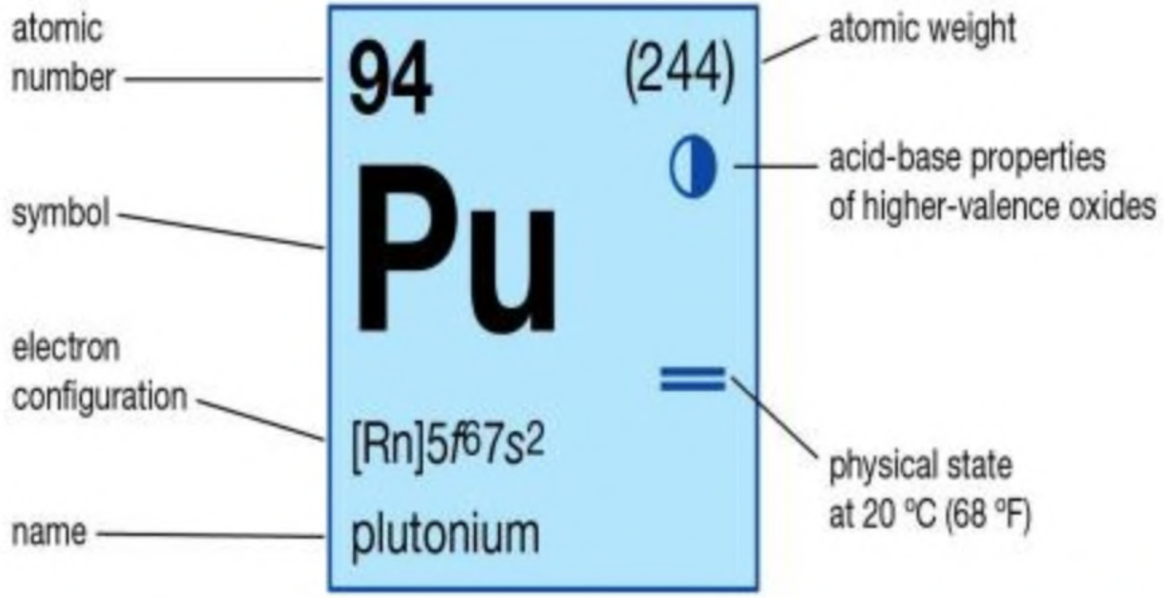
Ore → Monozite Ore
मोनोजाइट

Plutonium



Actinide elements

Synthetically prepared

Equal relative strength

( ) indicates the mass of the longest-lived isotope.

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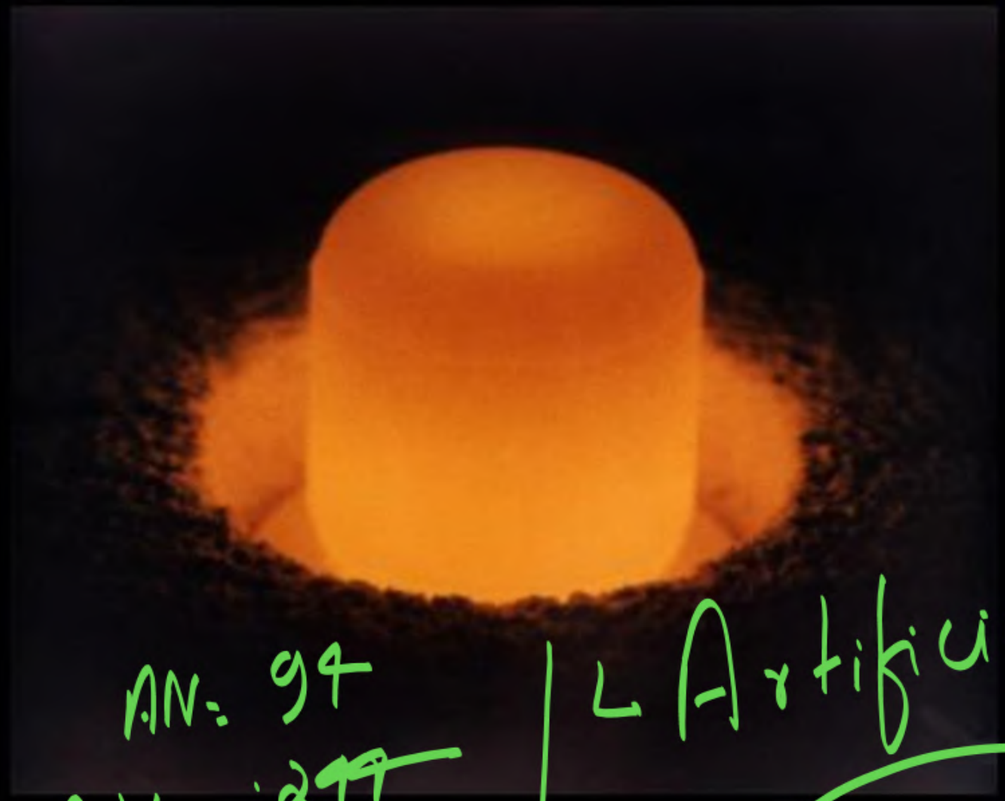

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A.W : ~~244~~

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Ore ↛

↳ Artificially

मिश्र धातु

Alloy – Mixing of two or more than two metal

दो या दो से अधिक धातु को मिला कर मिश्र धातु बनाते है।

Alloy	Composition	Use
Brass पीतल	Cu + Zn 70% 30%	Utensil Statue.

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⊙ पीतल
Brass

Cu + Zn
(70% 30%)

[Utensil
[Statue.

② कांस्य
Bronze

Cu + Sn
(tin)
(90% 10%)

[Utensil
Statue

(3) Gun Metal
(गन मेटल)

↳ Cu + Sn + Zn
88% 10% 2%

↳ गोली (Bullet)
Pistol

④ Coin Metal
सिक्का धातु

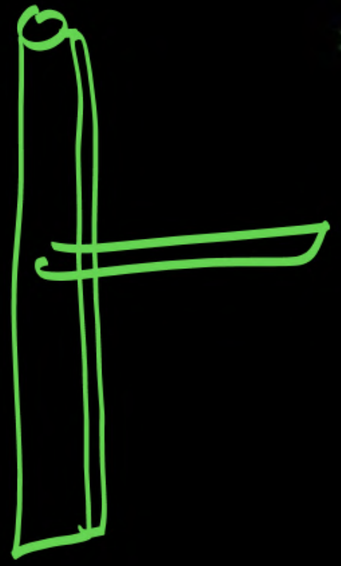
↳ Cu + Sn + P
93% 4% 1%

↳ Coin (सिक्का)

(5) Bell Metal ⇐ Cu + Sn

L Cu + Sn

80% 20%



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⑥ German Silver (জার্মান সিলভার)

L Cu + Zn + Ni
50% 35% 15%

L Statue, Utensil.

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② Rolled Gold
(2 ins jins)

L (Cu + Al
90% 10%)

L Artificial Gold.

(8) Constanton
कॉन्सटंटन

[(Cu + Ni
(60% 40%)

[HR (Wire).

⑨ Monel Metal
(मोनल धातु)

Cu + Fe + Ni
(68% 2% 30%)

↳ Valve
↳ idol

⑩ Dutch Metal

L Cu+Zn

L 80% 20%

L Machine

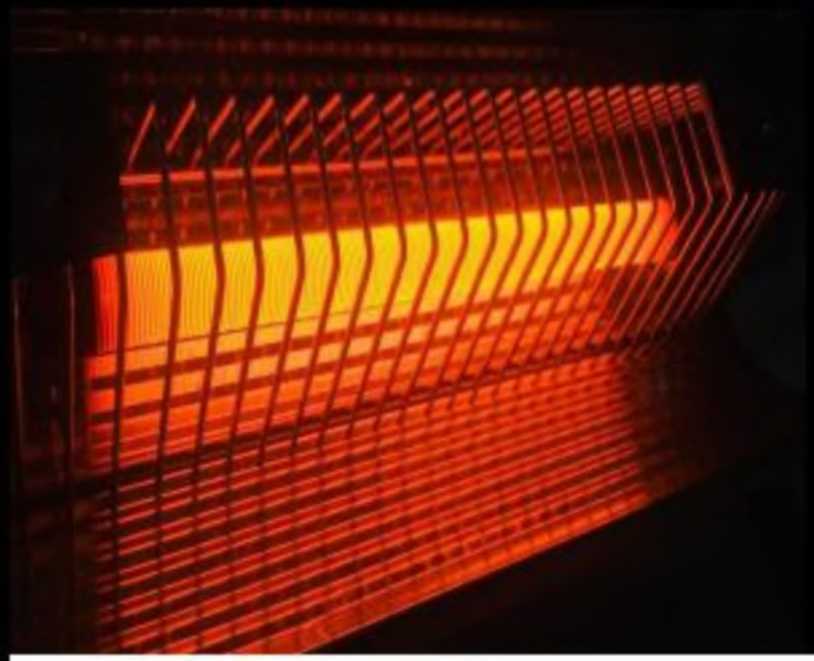
(11) Magnelium
~~मगनलियम~~

Al + Mg
(5% 95%)
↳ Aircraft.

⑫ Duralumin

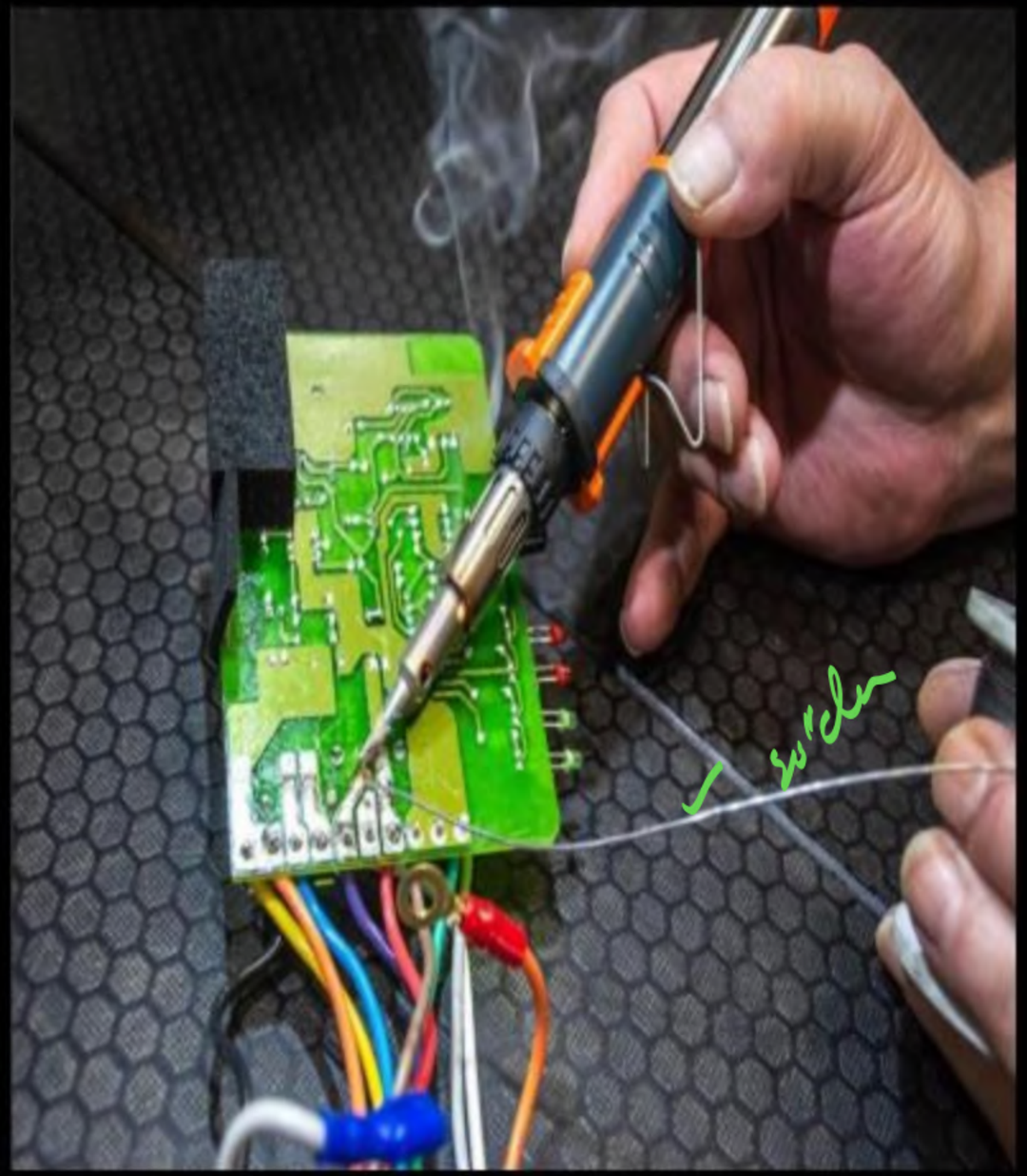
↳ Al + Mg + Cu
95% 1% 4%

↳ Aircraft
↳ Pressure cooker



(13) निक्रोम
Nichroma

L Ni, Fe, Cr, Mn



(14) Solder
सोल्डर

Pb + Sn
68% 32
(lead)

(15) Chromium Steel

(क्रोमियम)

- $Cr + C + Fe$
  - Shaving Blade.
  - Gun, Pistole, Utensils.

(16) Alnico

Al + Ni + Co + Fe

↳ Magnet