Ours!- What is the principle of lathe machine?

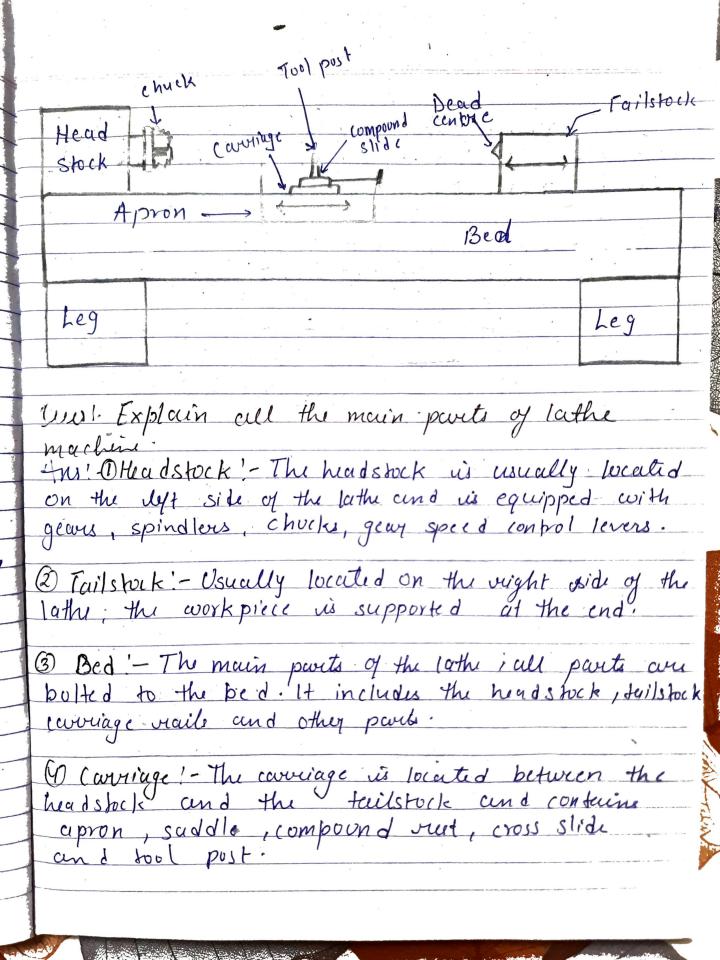
Am! Lathe machine is one of the most important machine tools which is used in the metalworking industry. It operates on the principle of a violating work piece and a fined cutting tool. The cutting tool is feed into the work piece which violates about its own anis causing the workpiece to form the desired shape.

Ours!: What is machining process?

This! - The metal vemoval process is known

ous machining process. Machining is a manufacturing process in which a sharp cutting tool is used to cut away material to leave the disired part shape. Maching is most friquently applied to shape metals.

Our! Draw a block diagram of dathe machine



(5) Lead Scorew: The lead scorew is used to move the coverage automatically during threading. threading. (6) feed Rod: - It is wed to more the carriage from left to right and vice-versa (F) Chip Pan: -1t is prusent at the bottom of the lathe Chip that are produced during the lathe operation. (8) Hand Wheel! - It is the wheel that is operated by hund to moves a cross slide carriage, teilstock and other parts that have hand wheel. Que! Explain! 1) Turning! - A turning machine us q mathematical model of computation that defines an abstract machine that manipulates symbols on a strip of tespe according to a table of vully.

(2) feeling process or mil from en	:- Facing	involver	common	machin	ing 10ths
or mi	ling mac	hêne to	remove	mertori	al
			rhayyer shay yan ilinay yashini ayon dagari wana iyon kina ilina mayayini mayayini daga kaba a dana wayoo kaba		
(3) Tapex	twening:	- Tapey	twining	as a n	1 uchining

3) Taper twining: Taper twining as a machinin operation in the gradual reduction in diameter from one part of a cylindrical workpiece to another part. Tapere can be either external or internal.

(4) Knuling! - Knurling is a manufacturing process, typically conducted on a tathe, whouby a postern of straight, angled or crossed lines is rulled into the material.

External Thuad Cutting :— The piece can either be held in a chuck or mounted between two centers. With The fool moves across the piece linearly, taking chips of the workpiece with each paus.