Name:	Date:
Instructor:	Period:
Power Too & Equipme	\$ 18
<b>Objective:</b> After studying this cools properly.	chapter, you will be able to select and use power
tank or cylinder, and stored, so that its power.  2. What is the recommended maximum.  3. What tools are necessary to discortion.	y which is drawn in, into a sexpansion or release may be utilized as a source of a more of a shop air compressor? nnect a "Quick Disconnect" coupling? ntrols the compressor's operating pressure.
A B C D E F	A B C E
	tools driven by air supplied by a  to minimize to assure
8. Air wrenches are designed to remo	ove and install metal,

**9.** Air impact rotation is typically controlled by a \_\_\_\_\_ or \_\_\_\_\_.

an air wrench.

**10.** The technician must use great care not to \_\_\_\_\_\_ bolts, nuts, or fasteners when using

**11.** An air ratchet is used to work in \_\_\_\_\_\_\_ places where other tools might be \_\_\_\_\_ or \_\_\_\_ to use.

	mmer is a device that uses highly pressurized air to drive a hammer into a work
<b>14.</b> Whateve	,, and r tip is used, it will be pounded of times per minute into the targeted
	erators must take and use
	ammer must be placed directly the work to prevent the
	n flying out of the end of the tool and causing or
	t gun is used to clean that do not fit into a solvent  wered blow gun is used to or clean out the inside of to
areas of	
	reasons an air drill is ideal for some drilling jobs:,,
	, and
	and disks can be used with the air drill at speeds to clea
neavy	deposits and de-burr metal edges easily.
Floctric T	
Electric 7	grinder usually has a and a wheel.
	e (3) common uses for a bench grinder:
	B
C	
	our (4) essential rules to observe when safely operating a bench grinder:
	B
C	D
23. Drill bits a	are made of steel or steel or titanium.
24. The drill b	bits are clamped into the drill using the to tighten it.
	motor is usually sized by the diameter drill bit that will fit into the drill chu
	press gives you and drilling.
	ve (5) essential operating rules for a drill press:
C	
D	
E	
28. Identify th	he parts of the illustrated drill press shown:
,	
Δ	
	F
٠	
^	
D	
D	
D E	
D E F	
D E F I	
D E F I	
D E F I	

Ну	draulic Tools
30. 31. to 32.	Hydraulic tools used high pressure to exert the necessary forces.  List the correct locations under a vehicle to place a floor jack for lifting without damaging the vehicle: A B C
Sh	op Equipment
35. 36.	An press is similar to a hydraulic press, but uses a screw type jack to exert force.  Never work under or around a vehicle that is raised and not supported by  Once the engine has been removed from the vehicle, it can be mounted securely to an to facilitate working on the engine.  A cold tank contains a cleaning solution used to sanitize automotive parts and subassemblies before repair and reinstallation.
	A is an engine powered device that uses high-pressure water to remove heavy deposits of dirt and grease from automotive and subassemblies. Oxy-Acetylene torch is used to metals.
40.	Oxy- Acetylene welders can also be used for and metals.  Recharging an automotive battery produces a cloud of gas around the battery that is and To prevent this from happening, unplug the battery charger from the wall disconnecting from the battery.
43.	A. portable provides light when working under the hood or under a vehicle – can be used to start a vehicle with a dead battery by to another vehicle that has a good battery.
44.	A is used by a technician to lay on when working under a vehicle, and should always be stood up out of the way when not in use.  Smaller, portable tool carts are also called and are used
	to hold a limited number of tools for easy access for a specific task.  To protect the finish and visual appearance on any vehicle being worked on, a technician should <u>always</u> use