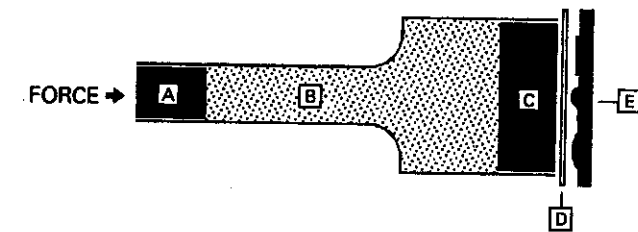


Practice Exercise **12**

Most of the huge presses that are used to make objects from sheets of metal are driven by hydraulic pressure, and therefore they are called hydraulic presses. Basically, a hydraulic press has three parts: a small cylinder with a small piston inside it, a large cylinder with a large piston inside it, and a pipe that connects the two cylinders. The whole device is filled with fluid. When a force is applied to the small piston, the fluid transmits the force to the large piston. The small piston is pushed with a small force through a long distance, and the large piston moves through a short distance with a much greater force. This large piston presses the sheet of metal against the die that shapes it.



- From the information in the passage, you can conclude that part A in the diagram is the

a. fluid.	c. large cylinder.
b. small piston.	d. sheet metal.
- From the information in the passage, you can conclude that part B in the diagram is the

a. die.	c. small piston.
b. large piston.	d. fluid.
- From the information in the passage, you can conclude that part D in the diagram is the

a. die.	c. large piston.
b. small piston.	d. sheet metal.
- Underline the sentence that allows you to reach a conclusion about the part labeled E in the diagram.