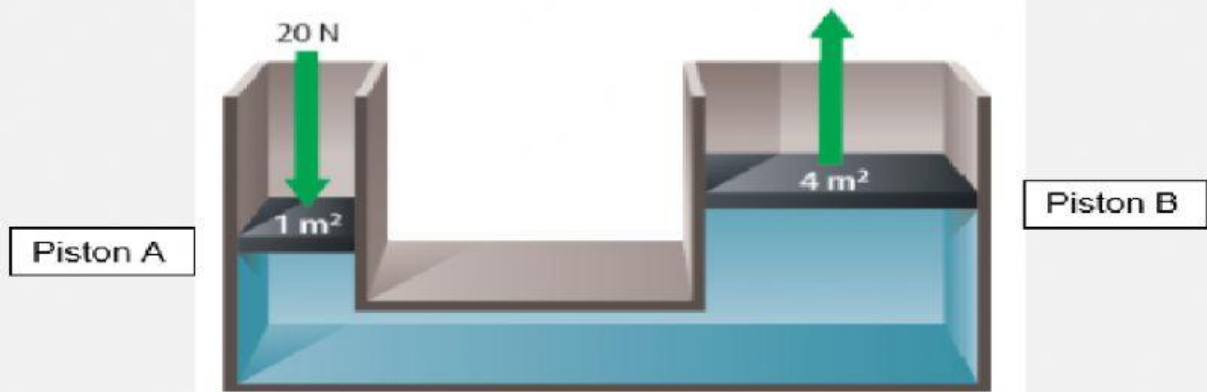


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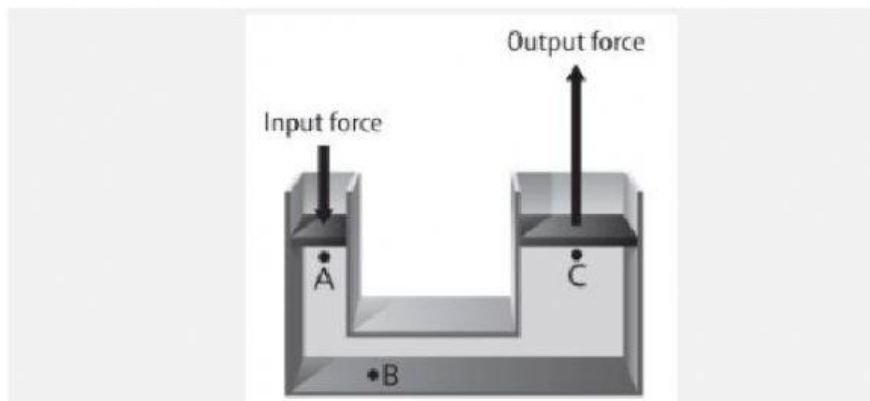
Observe the diagram and answer the questions below.



a) **Calculate** the fluid pressure at Piston A. (2 points)

b) Calculate the force exerted on Piston B. (1 points)

2. Calculate the input pressure and output force in the system



Input force = 100N

Input area (A)= 5m²

Output area (A)= 12.5 m²

Pressure at point A = Force at C=