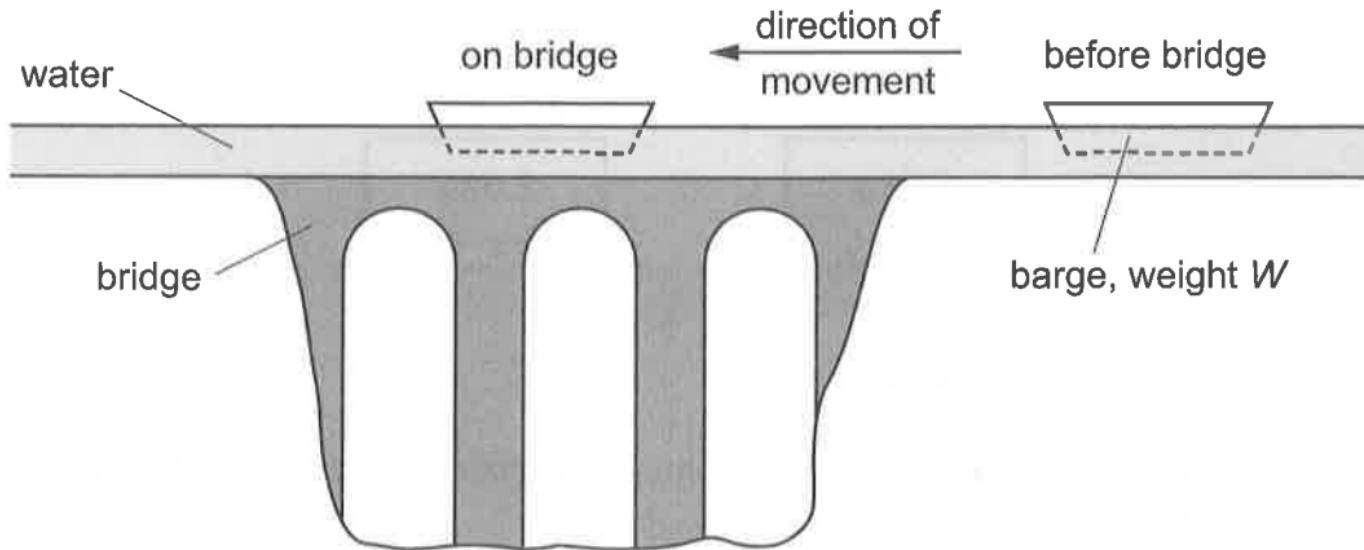


6 A bridge (an aqueduct) carries a canal across a valley, as shown.



A barge of total weight W in air approaches and crosses onto the bridge.

What is the extra weight supported by the bridge when the barge is on it?

A 0

B $\frac{1}{2}W$

C W

D $2W$

7 A car travels along a road at a constant speed of 20 m s^{-1} . Its power output is 22 kW . The total