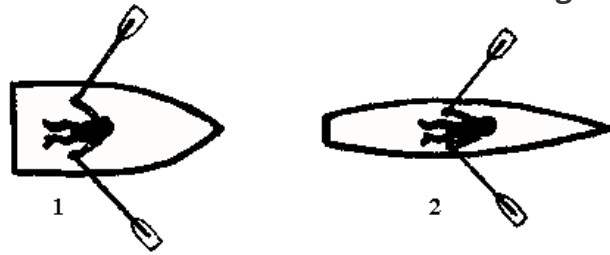


Rowing

This task is about forces and rowing.



Use this diagram of two row boats to help you answer the following questions.

a) i) Both boats have the same mass and both rowers are equally strong.

Which boat will move through the water faster? Boat 1 / 2 (Select one)

ii) Explain why:

b) The oars are acting as a (Select one)

ramp.

gear.

lever.

propeller.

pulley.

c) i) If the rowers were rowing with the same number of strokes per minute, but the oar blades were made 50% larger, would the boats move faster?

Yes/ No (Select one)

ii) Explain your answer: