

Ship shape!

Watery dominos



Cut out the dominos below and match the dark blue statements/questions to the light blue answers.

Keeps ships stable in the water	Propellers...	Provide the thrust on ships to overcome water resistance	Buoyancy...
Keeps ships afloat	What is force measured in?	Newtons (N)	What effect does a rough surface have on friction?
Increases friction	What effect does a smooth surface have on friction?	Reduces friction	Stability...
Keeps ships upright!	What are the forces acting on a floating ship?	water resistance	What is the force acting to slow down a ship?
It reduces the cost of shipping and its impact on the environment	Ships need to be efficient because...	Weight and upthrust	Arrows are used to show forces
because they can show both the size and direction of the force	What design feature helps to reduce the effects of drag on a ships?	Streamlining	A low centre of gravity...