

- 11 A rectangular block is acted on by a frictional force as it is pulled across a horizontal surface with a gradually increasing speed.

A viscous drag force acts on the same block as it is then pulled through oil with a speed that increases in the same way.

How do the frictional force and the drag force acting on the block change as its speed increases?

	frictional force	drag force
A	decrease	increase
B	decrease	same
C	same	increase
D	same	same

- 12 Four identical blocks, X, Y, Z and W, are from the same experiment.