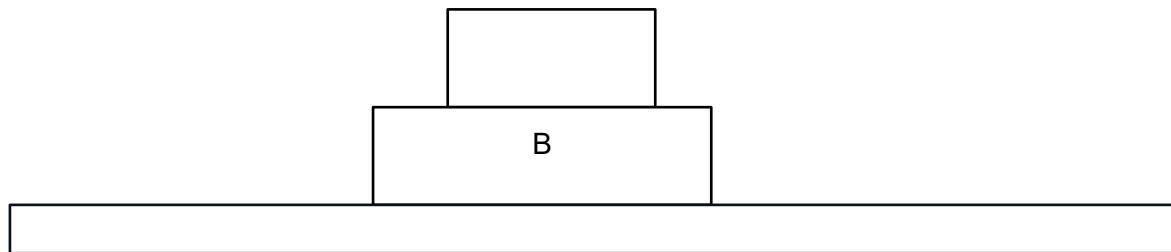


- 5 Two objects are being pulled along a smooth floor by a 70 N force as shown. Object A has a mass of 20 kg and object B has a mass of 6.0 kg. The masses do not slide against each other.



A

B

Which line of the table correctly states the magnitude and direction of friction on A by B?

	magnitude	direction
<b>A</b>	16 N	to the left
<b>B</b>	16 N	to the right
<b>C</b>	54 N	to the left
<b>D</b>	54 N	to the right