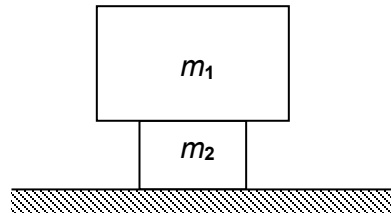


5

The figure shows a block of mass m_1 resting on a block of mass m_2 which is resting on a table. m_1 is larger than m_2 .



Which of the following statements is correct?

A

The weight of m_1 and the force exerted on m_1 by m_2 form an action-reaction pair.

B

The magnitude of the force exerted on m_1 by m_2 is equal to the magnitude of the force exerted on m_2 by m_1 .

C

The total force from the table on the bottom block depends on which block is placed below.

D

The force exerted by m_1 on m_2 is larger if m_2 is now placed above m_1 .

