

Mass and Weight – 2019 Nov

1. 0625/11,21/O/N/19/No.4

Which quantity is a force due to a gravitational field?

- A density
- B mass
- C weight
- D volume

2. 0625/12,22/O/N/19/No.4

A box is placed on the ground. An upward force of 15 N is needed to lift the box at constant speed.

Which row correctly describes the box?

	mass of the box	weight of the box
A	1.5 kg	15 N
B	15 N	1.5 kg
C	15 N	150 kg
D	150 kg	15 N

3. 0625/13,23/O/N/19/No.4

Which equation shows the relationship between the weight W and the mass m of an object?

A $W = \frac{m}{g}$

B $W = mg$

C $W = m + g$

D $W = \frac{g}{m}$