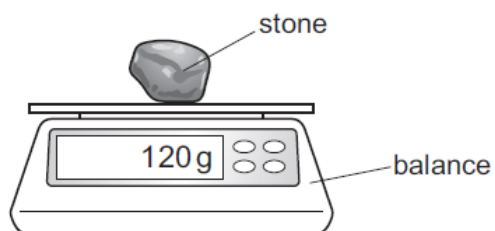# Mass and Weight – 2022 November IGCSE 0625

1. Nov/2022/Paper_11/No.3

A stone is placed on a balance as shown.

Which row gives the mass and weight of the stone?

	mass	weight
A	120 g	1.2 N
B	120 g	1200 N
C	1.2 N	120 g
D	1200 N	120 g

2. Nov/2022/Paper_12/No.3

Which row shows the mass and the weight of an object near the Earth's surface?

	mass / kg	weight / N
A	0.2	0.2
B	2	0.2
C	2	20
D	20	10

3. Nov/2022/Paper_13/No.3

Which statements about weight are correct?

1 Weight is the quantity of matter in an object.

2 Weight is the force due to gravity acting on an object.

3 Weight is measured in kilograms.

4 Weight is measured in newtons.

A 1 and 2   **B** 1 and 4   **C** 2 and 3   **D** 2 and 4

4.
Which property of an object is a consequence of the effect of a gravitational field acting on it?

A density

B mass

C volume

D weight

5.
Which statement describes the relationship between mass and weight?

A Mass is the effect of a gravitational field on a weight.

B Mass is the effect of a magnetic field on a weight.

C Weight is the effect of a gravitational field on a mass.

D Weight is the effect of a magnetic field on a mass.

6.
Which property of a body results from the effect of a gravitational field on its mass?

A the ability of the body to resist a change in motion

B the density of the body

C the volume of the body

D the weight of the body

7.
(a) A student has an object with a mass of 5.0 kg.

Calculate the weight of the object.

weight of object = ... N [2]

8.

(c) The weight of the skydiver is 750 N.

Calculate the mass of the skydiver.

mass = ... kg [3]