

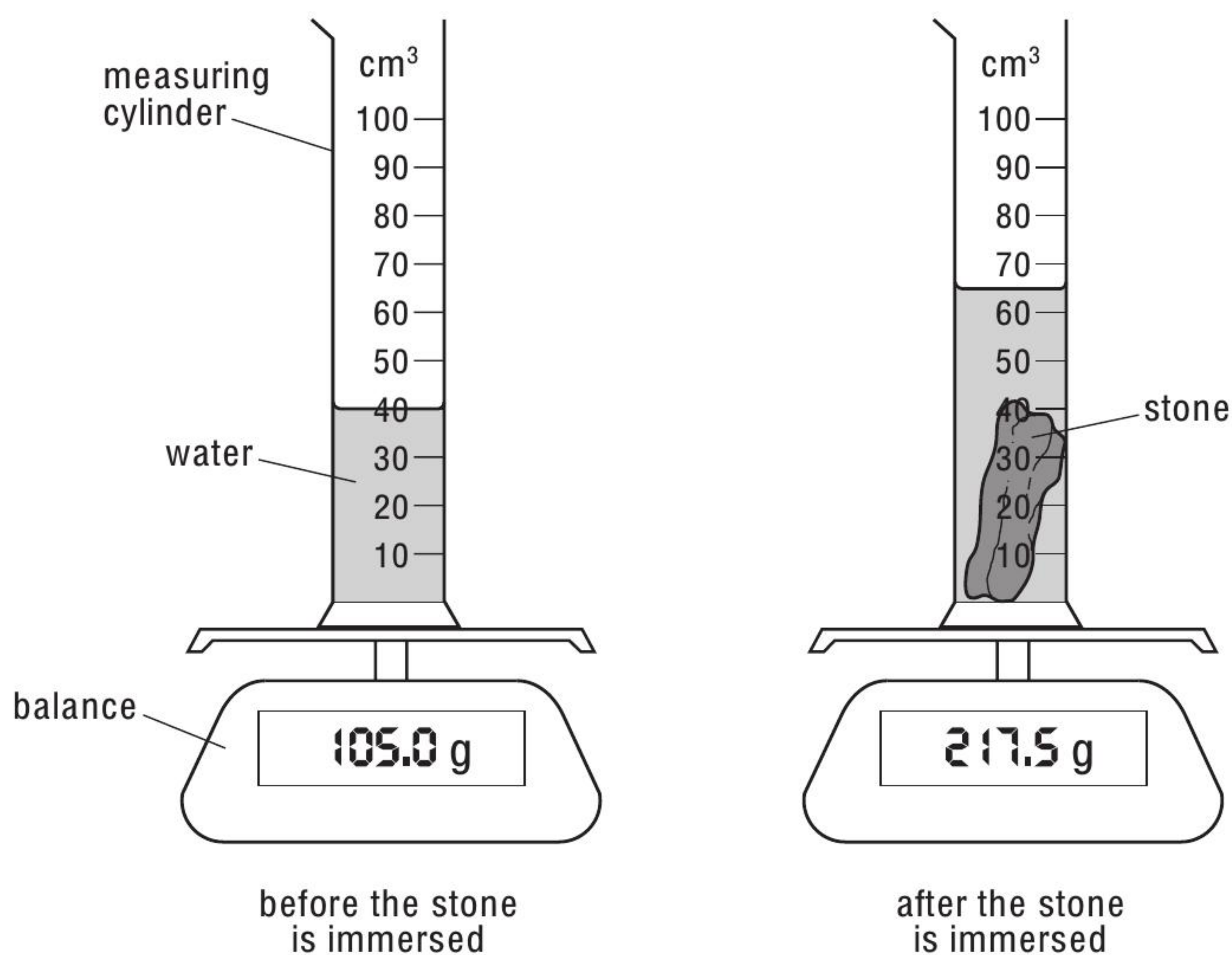
24. A piece of steel is taken from the Earth to the Moon for an experiment. The gravitational field strength on the Moon is smaller than on the Earth.

Which statement about the piece of steel is correct?

- A It has less mass on the Moon than on the Earth.
- B It has more mass on the Moon than on the Earth.
- C It weighs less on the Moon than on the Earth.
- D It weighs more on the Moon than on the Earth.

25. A measuring cylinder containing only water is placed on an electronic balance. A small, irregularly shaped stone is now completely immersed in the water.

The diagrams show the equipment before and after the stone is immersed.



What is the density of the material of the stone?

- A 1.7 g/cm^3
- B 3.3 g/cm^3
- C 4.5 g/cm^3
- D 8.7 g/cm^3