

Revision- Density

MCQ

Choose the correct answer:

1. If two objects have the same volume but one has a greater mass, the one with greater mass
 - a) Has a lower density
 - b) Has a higher density
 - c) Will float
 - d) Will sink

2. If two objects have the same volume but one is made up of smaller and heavier atoms, the one with small heavy atoms will
 - a) Be larger than the other
 - b) Be less dense than the other
 - c) Be more dense than the other
 - d) Float

3. If you cut a wooden block in half, each half would have
 - a) Half the density of the original piece
 - b) Twice the density of the original piece
 - c) The same density as the original piece
 - d) No density at all

4. If two objects have the same mass but different volumes
 - a) The one with the larger volume has the lower density
 - b) They must have the same density
 - c) The one with the larger volume has the higher density
 - d) The one with the larger volume is twice as dense

5. In the water displacement method for finding volume
 - a) You subtract the final volume from the initial volume
 - b) You subtract the initial volume from the final volume
 - c) You add the initial and final volumes
 - d) You divide the final volume by 2