# Density Review

Match the term with the definition or description. Record the letter in the space after the number.

| | | | |
|---|---|---|---|
| 1 | The amount of space an object takes up | a | mass |
| 2 | How tightly packed the molecules of a substance are | b | density |
| 3 | A measure of the force of gravity acting on an object | c | find the density of an object |
| 4 | The amount of matter in an object | d | volume |
| 5 | You use mass and volume to | e | weight |

Rank the following from most dense (5) to least dense (1)

| | |
|---|---|
| | apple with a density of 1.75 g/cm$^3$ |
| | water has a density of 1 g/mL |
| | cotton ball with a density of 0.5 g/cm$^3$ |
| | lead has a density of 11.34 g/cm$^3$ |
| | gold has a density of 19.3 g/cm$^3$ |

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