

Matter and the Particle Theory

- 1) In Science, matter is...
 - a) anything with mass and takes up space
 - b) invisible
 - c) not a real thing
 - d) the opposite of doesn't matter
- 2) Chemistry is...
 - a) the science of movement
 - b) the science of living organisms
 - c) the science of matter and its changes
 - d) it is not a science at all
- 3) What is an example of an example of a type of matter copied from nature?
 - a) plastics
 - b) artificial almond extract
 - c) blood cells
 - d) oxygen
- 4) Human made chemical are always worse than similar ones that come from nature.
 - a) True
 - b) False
- 5) All matter is made up of particles which are...
 - a) easy to see with our eyes
 - b) too small to see be seen with our eyes
 - c) the colour orange
 - d) too dangerous to look at without protection

- 6) All matter is...
- a) made up of tiny particles
 - b) made up of large particles
 - c) made of up tiny molecules
 - d) made up of large molecules
- 7) All particles have...
- a) water between them
 - b) no space between then
 - c) empty space between them
 - d) argon between them
- 8) Particles are always...
- a) still
 - b) moving
 - c) shrinking
 - d) growing
- 9) When particles are heated up, they...
- a) move faster and spread farther apart
 - b) move slower and spread father apart
 - c) move faster and get closer together
 - d) move slower and get closer together
- 10) Particles are...
- a) repelled from each other
 - b) hotter than they feel
 - c) colder than they feel
 - d) attracted to each other
- 11) The particle theory of matter helps Scientists do what?
- a) confuse students
 - b) sound like they know what they're talking about
 - c) explain what they have learned about the tiny particles
 - d) provide funding for more research